

Converting Colors

XYZ(79.7452, 83.9069, 90.6407)

Have a look what the booklet for
XYZ(79.7452, 83.9069, 90.6407)
contains.

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Color

**XYZ(79.5829, 83.8219,
90.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	ECECEB
RGB	236, 236, 235
RGB Percent	93%, 93%, 92%
CMY	0.0745, 0.0745, 0.0784
CMYK	0.00, 0.00, 0.00, 0.07
HSL	60°, 3%, 92%
HSV	60°, 0%, 93%
XYZ	79.5829, 83.8219, 90.5820
YIQ	235.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

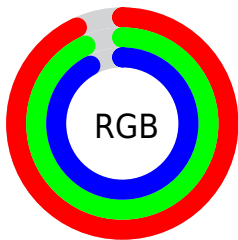
Format	Color
R _Y B	235, 236, 235
Decimal	15527147
CIE Lab	93.37, -0.17, 0.47
CIE LCh	93, 0.504, 109.991
Yxy	83.8219, 0.3133, 0.3300
Android (android.graphics.Color)	4293717227 (0xFFECECEB)
YUV	235.8860, -0.4368, 0.1000
Hunter-Lab	91.5543, -5.0602, 5.4277

Details

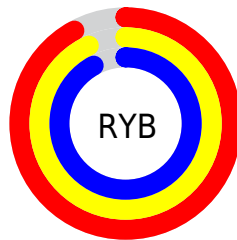
The XYZ color **79.5829, 83.8219, 90.5820** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.1127, 83.1372, 91.2385**, and the grayscale version is **79.6467, 83.7945, 91.2522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2803, 45.6005, 49.1685** is the 20% darker color. If you saturate the color by 10%, you get **76.3662, 82.5342, 73.7977**, and if you desaturate by 10%, it is **82.6713, 85.0636, 106.6694**.

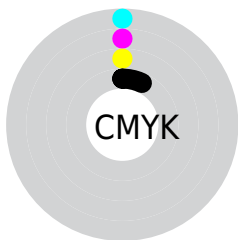
Distribution



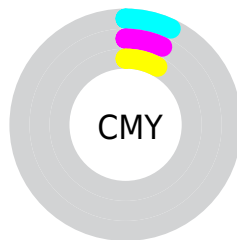
- Red (93%)
- Green (93%)
- Blue (92%)



- Red (92%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5829, 83.8219, 90.5820 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.5829, 83.8219, 90.5820 by changing the saturation by 10% instead.

■ 79.5829, 83.8219,
90.5820

■ 79.5829, 83.8219,
90.5820

482.2840,
507.7216, 550.5411

■ 59.6825, 62.8684,
67.8870

131.7328,
138.7260, 150.0891

■ 43.4112, 45.7348,
49.3397

164.7129,
173.4454, 187.7384

■ 30.4038, 32.0366,
34.5215

202.7836,
213.5223, 231.2094

■ 20.2949, 21.3894,
23.0139

246.3104,
259.3409, 280.9209

■ 12.7191, 13.4090,
14.3984

295.6584,
311.2858, 337.2912

■ 7.3111, 7.7108,
8.2564

351.1931,

■ 3.7054, 3.9104,

369.7413, 400.7390

4.1693

413.2799,
435.0917, 471.6828

■ 1.5369, 1.6236,
1.7187

■ 0.3507, 0.3734,
0.3735

■ 79.5829, 83.8219,
90.5820

■ 79.5829, 83.8219,
90.5820

■ 76.3662, 82.5342,
73.7977

■ 82.6713, 85.0636,
106.6694

■ 73.5820, 81.4169,
59.3011


■ 82.7030, 85.0799,
106.6709


■ 71.2137, 80.4659,
46.9948


■ 82.7347, 85.0962,
106.6724


■ 69.2411, 79.6732,
36.7724

■ 82.7664, 85.1126,
106.6739


 67.6424, 79.0301,
28.5185


 82.7981, 85.1290,
106.6753

 66.3935, 78.5269,
22.1065


 82.8299, 85.1453,
106.6768


 65.4676, 78.1529,
17.3954

 82.8616, 85.1617,
106.6783

 64.8340, 77.8958,
14.2235

 82.8934, 85.1781,
106.6798

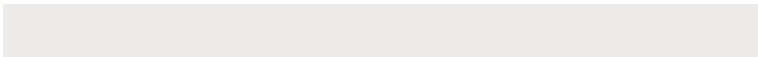
 64.4561, 77.7410,
12.3979

 82.9252, 85.1945,
106.6813

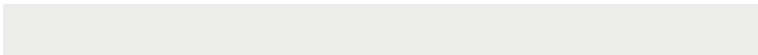
Harmonies

Analogous

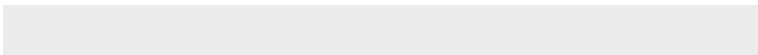
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7146, 83.8219, 90.5492



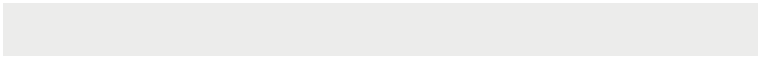
79.5829, 83.8219, 90.5820



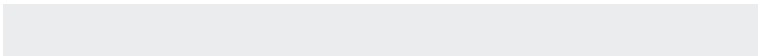
79.4747, 83.8219, 90.7983

Triad

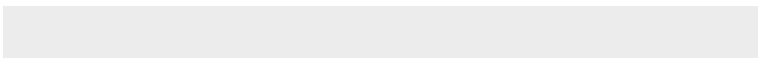
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5829, 83.8219, 90.5820



79.5061, 83.8219, 91.8293



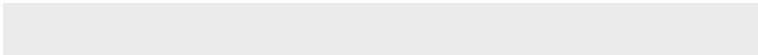
79.9220, 83.8219, 91.3950

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



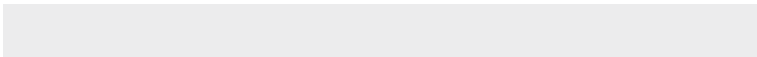
79.5829, 83.8219, 90.5820



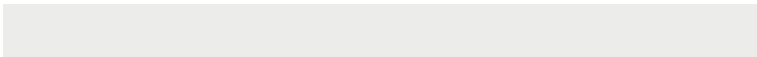
79.1127, 83.1372, 91.2385

Split Complementary

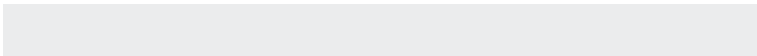
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8660, 83.8219, 91.7390



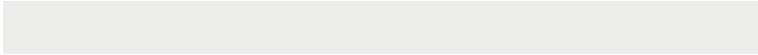
79.5829, 83.8219, 90.5820



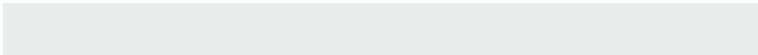
79.6258, 83.8219, 91.9902

Square

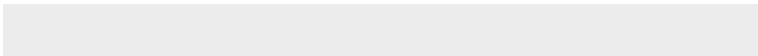
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



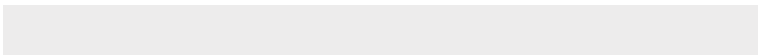
79.5829, 83.8219, 90.5820



79.4304, 83.8219, 91.5181



79.7576, 83.8219, 91.9571



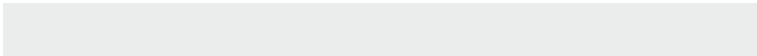
79.9105, 83.8219, 91.0179

Rectangle

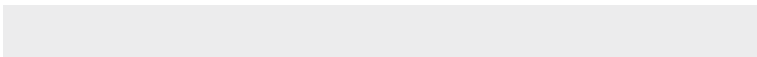
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



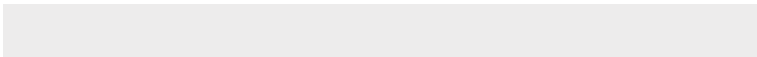
79.5829, 83.8219, 90.5820



79.4304, 83.8219, 91.0177



79.7576, 83.8219, 91.9571



79.9105, 83.8219, 91.5184

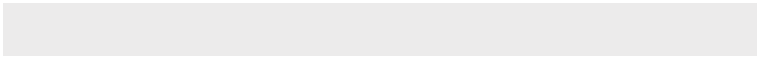
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.5853, 83.8255, 90.5838

95.0500, 100.0000, 108.9000



79.2983, 83.2497, 90.4878



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

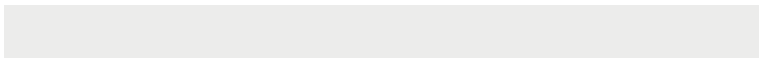
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5853, 83.8255, 90.5838



94.6383, 99.8349, 106.7519



79.4202, 83.7404, 90.5761



16.9319, 17.8589, 19.1165



35.4307, 42.8097, 6.3957



2.7841, 3.3626, 0.5023

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.1127, 83.1372, 91.2385



93.3137, 97.9053, 108.5872



79.2774, 83.2220, 91.2462



16.7086, 17.5335, 19.4259



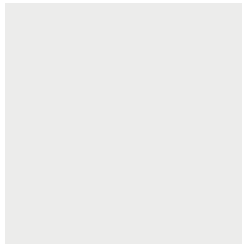
8.3548, 3.3430, 43.9479



0.6580, 0.2635, 3.4511

Previews

White Background



This preview shows how the XYZ color 79.5829, 83.8219, 90.5820 looks on a white background.

Color Contrast Check

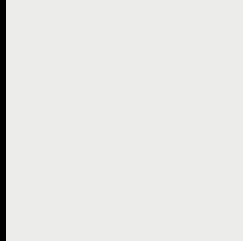
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.5829, 83.8219, 90.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

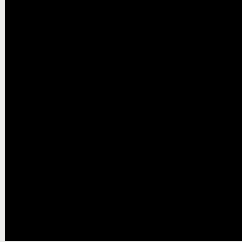
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

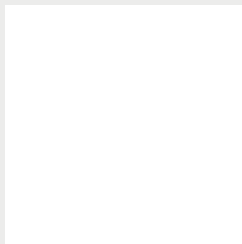
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5829, 83.8219, 90.5820

Background



This preview shows how black text looks on a background with the XYZ color 79.5829, 83.8219, 90.5820.



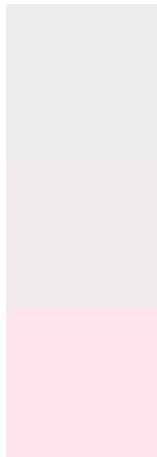
This preview shows how white text looks on a background with the XYZ color 79.5829, 83.8219,

90.5820.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.5829, 83.8219, 90.5820

Protanopia

80.4948, 83.8824, 89.7903

Deuteranopia

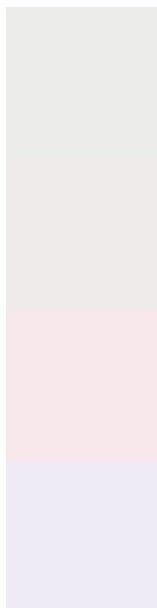
84.3996, 83.3548, 90.9976



Tritanopia

82.3062, 83.6568, 103.9048

Trichromacy



Original Color

79.5829, 83.8219, 90.5820

Protanomaly

80.1562, 83.7079, 89.7745

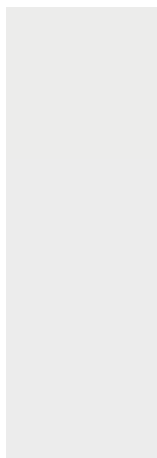
Deuteranomaly

82.7083, 83.7258, 91.1584

Tritanomaly

81.3173, 83.6766, 99.0541

Monochromacy



Original Color

79.5829, 83.8219, 90.5820

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7278, 83.8799, 91.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5829, 83.8219, 90.5820 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(236, 236, 235) looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 235) }
```

Border

The CSS property to change the border of an element to XYZ 79.5829, 83.8219, 90.5820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 236, 235) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 236, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
235) }
```


Background

The CSS property to change the background color of an element to XYZ 79.5829, 83.8219, 90.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
236, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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