

Converting Colors

XYZ(79.6042, 84.2472, 90.6034)

Have a look what the booklet for
XYZ(79.6042, 84.2472, 90.6034)
contains.

XYZ(79.5405, 84.2287, 90.6628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(79.5405, 84.2287,
90.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDED
RGB	235, 237, 235
RGB Percent	92%, 93%, 92%
CMY	0.0784, 0.0706, 0.0784
CMYK	0.01, 0.00, 0.01, 0.07
HSL	120°, 5%, 93%
HSV	120°, 1%, 93%
XYZ	79.5405, 84.2287, 90.6628
YIQ	236.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

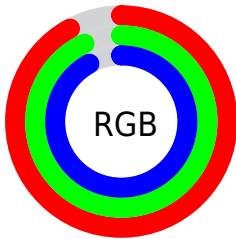
Format	Color
R _Y B	235, 237, 237
Decimal	15461867
CIE Lab	93.55, -1.02, 0.72
CIE LCh	94, 1.248, 144.632
Yxy	84.2287, 0.3126, 0.3310
Android (android.graphics.Color)	4293651947 (0xFFEBEDEB)
YUV	236.1740, -0.5788, -1.0296
Hunter-Lab	91.7762, -5.9061, 5.6726

Details

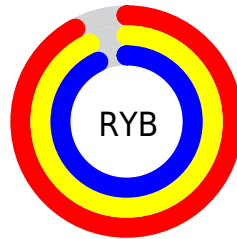
The XYZ color **79.5405, 84.2287, 90.6628** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9225, 83.5377, 92.0369**, and the grayscale version is **79.8687, 84.0281, 91.5066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2510, 45.8861, 49.2252** is the 20% darker color. If you saturate the color by 10%, you get **69.0321, 79.1834, 73.4738**, and if you desaturate by 10%, it is **89.5758, 89.0517, 107.0753**.

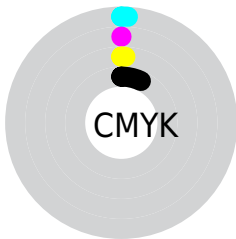
Distribution



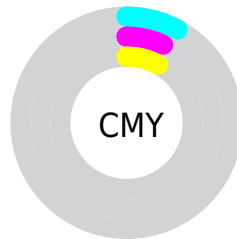
- Red (92%)
- Green (93%)
- Blue (92%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5405, 84.2287, 90.6628 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 79.5405, 84.2287, 90.6628 by changing the saturation by 10% instead.

■ 79.5405, 84.2287,
90.6628

■ 79.5405, 84.2287,
90.6628

482.1431,
509.0724, 550.8102

■ 59.6475, 63.2043,
67.9537

131.6734,
139.2950, 150.2023

■ 43.3829, 46.0065,
49.3936

164.6440,
174.1058, 187.8697

■ 30.3815, 32.2509,
34.5640

202.7045,
214.2807, 231.3603

■ 20.2778, 21.5532,
23.0464

246.2203,
260.2042, 281.0927

■ 12.7066, 13.5290,
14.4221

295.5567,
312.2608, 337.4853

■ 7.3024, 7.7938,
8.2727

351.0791,

■ 3.7000, 3.9633,

370.8347, 400.9567

4.1797

413.1527,
436.3105, 471.9255

■ 1.5338, 1.6531,
1.7244

■ 0.3487, 0.3930,
0.3774

■ 79.5405, 84.2287,
90.6628

■ 79.5405, 84.2287,
90.6628

■ 69.0321, 79.1834,
73.4738

■ 89.5758, 89.0517,
107.0753

■ 59.9613, 74.8262,
58.6377

■ 52.2676, 71.1306,
46.0539

■ 45.8839, 68.0641,
35.6124

■ 40.7372, 65.5919,
27.1939

■ 36.7473, 63.6754,
20.6674

■ 33.8249, 62.2716,
15.8866

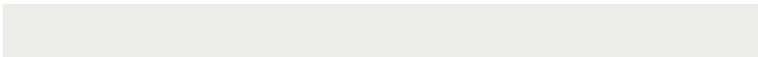
■ 31.8674, 61.3313,
12.6841

■ 30.7522, 60.7957,
10.8592

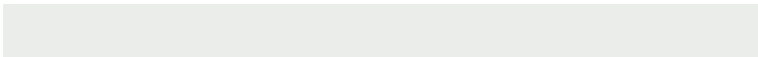
Harmonies

Analogous

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



79.7927, 84.2287, 90.0686



79.5405, 84.2287, 90.6628



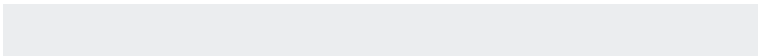
79.4267, 84.2287, 91.5408

Triad

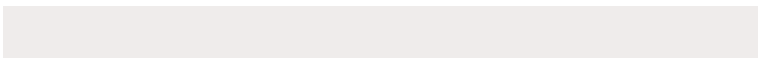
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5405, 84.2287, 90.6628



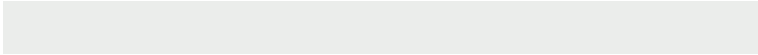
79.9975, 84.2287, 93.5321



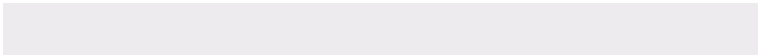
80.6351, 84.2287, 90.9554

Complementary

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



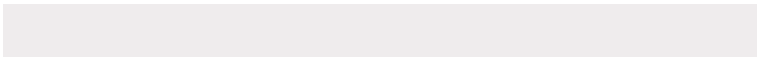
79.5405, 84.2287, 90.6628



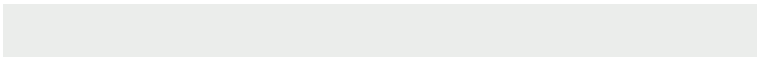
79.9225, 83.5377, 92.0369

Split Complementary

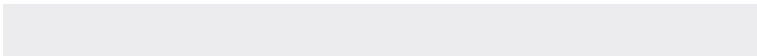
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6903, 84.2287, 91.8809



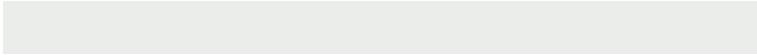
79.5405, 84.2287, 90.6628



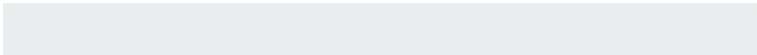
80.3216, 84.2287, 93.3727

Square

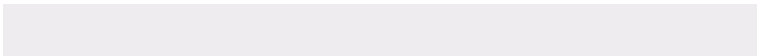
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



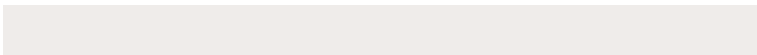
79.5405, 84.2287, 90.6628



79.6901, 84.2287, 93.2007



80.5754, 84.2287, 92.7667



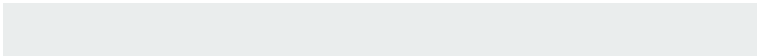
80.4247, 84.2287, 90.2367

Rectangle

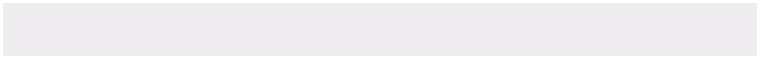
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



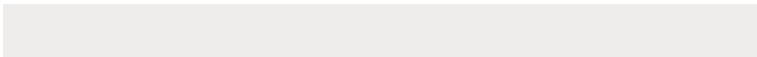
79.5405, 84.2287, 90.6628



79.4444, 84.2287, 92.1706



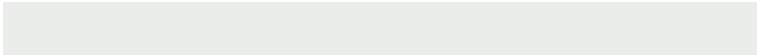
80.5754, 84.2287, 92.7667



80.6724, 84.2287, 91.2524

Sweetspot

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



79.5429, 84.2323, 90.6646

95.0500, 100.0000, 108.9000



80.2084, 84.5754, 90.6956



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

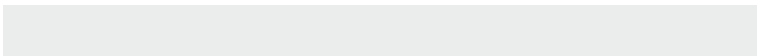
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5429, 84.2323, 90.6646



93.7102, 99.3564, 106.7087



79.6881, 84.2904, 91.4292



16.7754, 17.7782, 19.1092



16.5342, 33.0681, 5.5121



1.2984, 2.5967, 0.4330

Inverse Universe

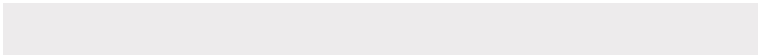
The Inverse Universe completely reimagines the original color for something new.



79.9225, 83.5377, 92.0369



94.2418, 98.3838, 108.6303



79.7765, 83.4793, 91.2680



16.8651, 17.6142, 19.4332



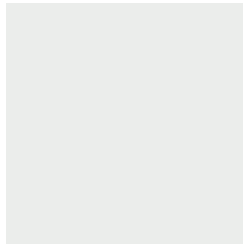
27.4109, 13.1671, 44.8266



2.1524, 1.0339, 3.5201

Previews

White Background



This preview shows how the XYZ color 79.5405, 84.2287, 90.6628 looks on a white background.

Color Contrast Check

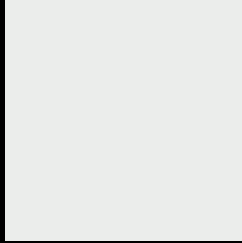
Large Text (above 18pt) WCAG AA × Fail

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 79.5405, 84.2287, 90.6628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

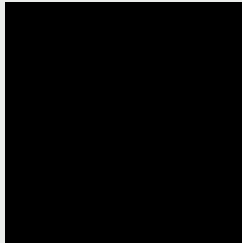
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

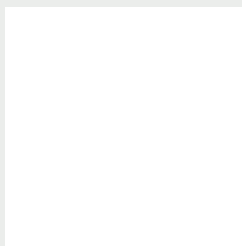
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5405, 84.2287, 90.6628

Background



This preview shows how black text looks on a background with the XYZ color 79.5405, 84.2287, 90.6628.



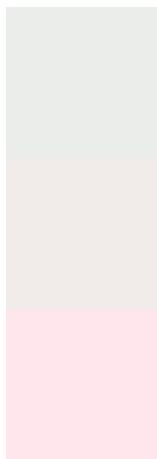
This preview shows how white text looks on a background with the XYZ color 79.5405, 84.2287,

90.6628.

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

79.5405, 84.2287, 90.6628

Protanopia

80.8352, 84.0579, 89.8062

Deuteranopia

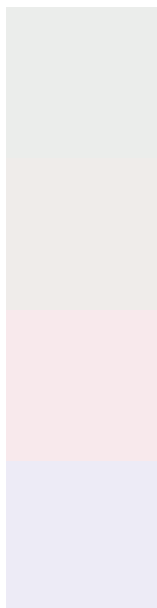
84.8229, 83.9681, 91.8576



Tritanopia

82.4123, 84.1146, 104.8207

Trichromacy



Original Color

79.5405, 84.2287, 90.6628

Protanomaly

80.4433, 84.2821, 89.8702

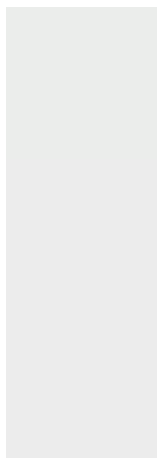
Deuteranomaly

82.9906, 84.2904, 91.2525

Tritanomaly

81.2679, 84.0750, 99.1336

Monochromacy



Original Color

79.5405, 84.2287, 90.6628

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 79.5405, 84.2287, 90.6628 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(235, 237, 235) looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 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(235, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 235) }
```

Border

The CSS property to change the border of an element to XYZ 79.5405, 84.2287, 90.6628 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(235, 237, 235) }
```

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

```
.border{ border-color:rgb(235, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
235) }
```


Background

The CSS property to change the background color of an element to XYZ 79.5405, 84.2287, 90.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 235) }
```

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

```
.background{ background-color: rgb(235,  
237, 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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