

Converting Colors

XYZ(79.7960, 85.2714, 95.4597)

Have a look what the booklet for
XYZ(79.7960, 85.2714, 95.4597)
contains.

XYZ(79.6987, 85.0728, 95.4392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.6987, 85.0728,
95.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EFF1
RGB	231, 239, 241
RGB Percent	91%, 94%, 95%
CMY	0.0941, 0.0627, 0.0549
CMYK	0.04, 0.01, 0.00, 0.05
HSL	192°, 26%, 93%
HSV	192°, 4%, 95%
XYZ	79.6987, 85.0728, 95.4392
YIQ	236.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

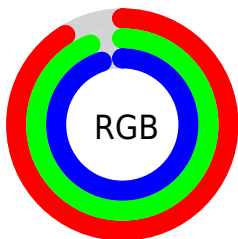
Format	Color
R_{YB}	231, 235, 241
Decimal	15200241
CIE _{Lab}	93.91, -2.28, -1.90
CIE _{LCh}	94, 2.964, 219.791
Yxy	85.0728, 0.3063, 0.3269
Android (android.graphics.Color)	4293390321 (0xFFE7EFF1)
YUV	236.8360, 2.0529, -5.1182
Hunter-Lab	92.2349, -7.1721, 3.2147

Details

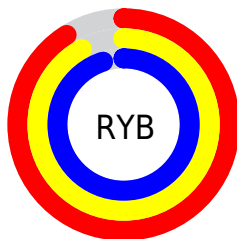
The XYZ color **79.6987, 85.0728, 95.4392** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8386, 82.7474, 87.3666**, and the grayscale version is **80.3599, 84.5449, 92.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3696, 46.4837, 52.5854** is the 20% darker color. If you saturate the color by 10%, you get **71.0604, 78.5587, 94.6384**, and if you desaturate by 10%, it is **89.4129, 92.2019, 96.3046**.

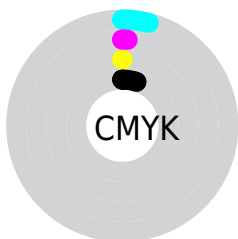
Distribution



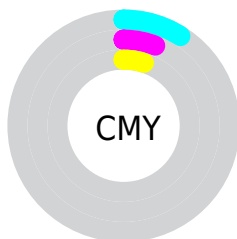
- Red (91%)
- Green (94%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6987, 85.0728, 95.4392 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 79.6987, 85.0728, 95.4392 by changing the saturation by 10% instead.

79.6987, 85.0728,
95.4392

79.6987, 85.0728,
95.4392

482.6689,
511.8689, 566.5903

59.7781, 63.9015,
71.9017

131.8948,
140.4749, 156.8720

43.4885, 46.5709,
52.5920

164.9009,
175.4745, 195.6044

30.4648, 32.6966,
37.0917

202.9997,
215.8523, 240.2388

20.3415, 21.8941,
24.9821

246.5563,
261.9928, 291.1938

12.7532, 13.7791,
15.8448

295.9361,
314.2803, 348.8879

7.3347, 7.9672,
9.2613

351.5046,

3.7204, 4.0740,

373.0992, 413.7397

4.8129

413.6271,
438.8340, 486.1676

■ 1.5452, 1.7150,
2.0811

■ 0.3563, 0.4334,
0.6045

■ 79.6987, 85.0728,
95.4392

■ 79.6987, 85.0728,
95.4392

■ 71.0604, 78.5587,
94.6384

■ 89.4129, 92.2019,
96.3046

■ 63.4843, 72.6452,
93.8963

■ 90.8780, 95.1321,
96.7929

■ 56.9262, 67.3112,
93.2124

■ 92.3812, 98.1385,
97.2940

■ 51.3358, 62.5304,
92.5843

■ 92.8774, 99.1310,
97.4594

■ 46.6584, 58.2742,
92.0093

■ 42.8334, 54.5110,
91.4845

■ 39.7932, 51.2053,
91.0067

■ 37.4588, 48.3160,
90.5720

■ 35.7342, 45.7933,
90.1760

Harmonies

Analogous

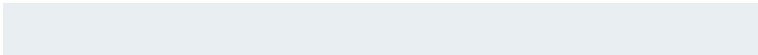
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3729, 85.0728, 93.3709



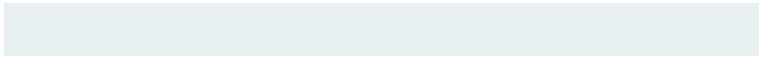
79.6987, 85.0728, 95.4392



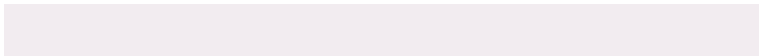
80.3361, 85.0728, 96.7685

Triad

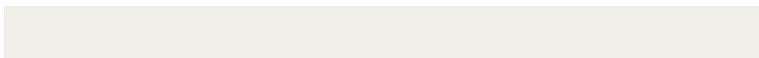
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6987, 85.0728, 95.4392



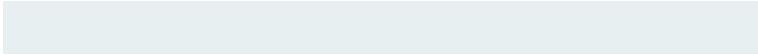
82.2916, 85.0728, 94.1393



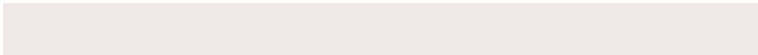
80.6014, 85.0728, 88.4127

Complementary

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



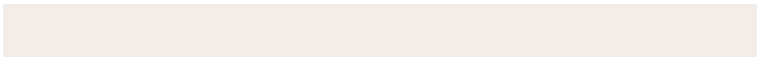
79.6987, 85.0728, 95.4392



79.8386, 82.7474, 87.3666

Split Complementary

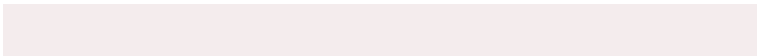
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3845, 85.0728, 88.6109



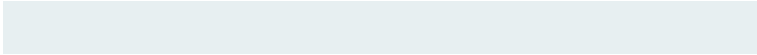
79.6987, 85.0728, 95.4392



82.3638, 85.0728, 91.8927

Square

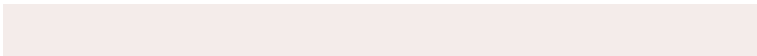
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



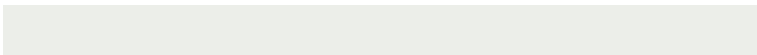
79.6987, 85.0728, 95.4392



81.8342, 85.0728, 96.0096



82.0308, 85.0728, 89.8761



79.8918, 85.0728, 89.3303

Rectangle

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



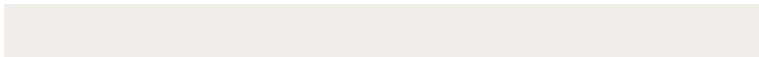
79.6987, 85.0728, 95.4392



80.8536, 85.0728, 97.0442



82.0308, 85.0728, 89.8761



80.8647, 85.0728, 88.3514

Sweetspot

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



79.7011, 85.0764, 95.4411



93.9559, 99.1952, 108.8023



79.0958, 85.7746, 89.3547



20.1220, 21.2404, 23.2892



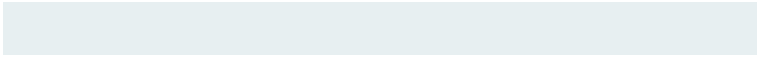
0.0000, 0.0000, 0.0000



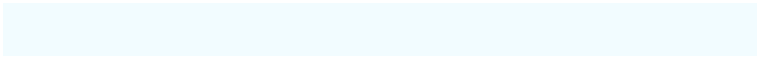
20.3446, 21.4041, 23.3091

Same Dimension

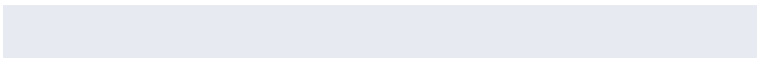
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7011, 85.0764, 95.4411



89.7072, 96.0484, 108.4189



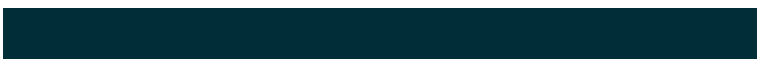
78.3038, 82.2818, 94.9753



16.6747, 17.8953, 20.2969



19.0358, 24.2958, 48.8141



1.6509, 2.1558, 4.0833

Inverse Universe

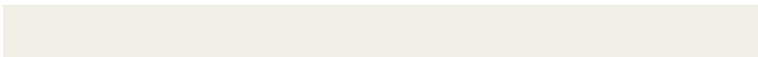
The Inverse Universe completely reimagines the original color for something new.



80.4334, 82.0862, 93.2705



90.7095, 91.9703, 105.4450



81.2268, 85.5237, 87.8293



16.8868, 17.0345, 19.6669



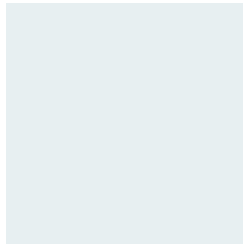
24.9340, 12.2460, 28.6327



2.1082, 1.0323, 2.5608

Previews

White Background



This preview shows how the XYZ color 79.6987, 85.0728, 95.4392 looks on a white background.

Color Contrast Check

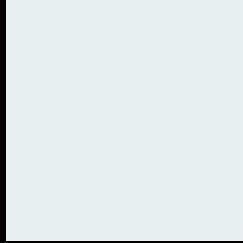
Large Text (above 18pt) WCAG AA × Fail

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 79.6987, 85.0728, 95.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

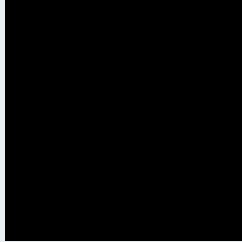
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

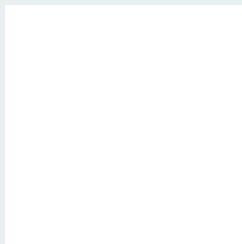
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6987, 85.0728, 95.4392

Background



This preview shows how black text looks on a background with the XYZ color 79.6987, 85.0728, 95.4392.



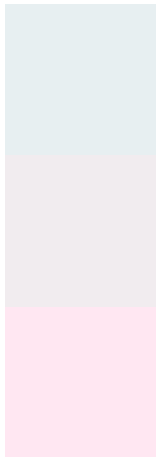
This preview shows how white text looks on a background with the XYZ color 79.6987, 85.0728,

95.4392.

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

79.6987, 85.0728, 95.4392

Protanopia

81.8511, 84.9237, 93.7392

Deuteranopia

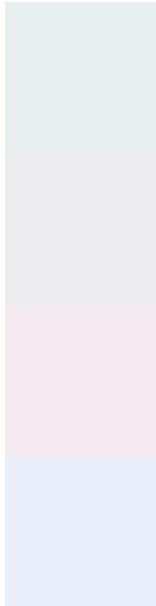
85.8429, 84.8226, 95.8524



Tritanopia

81.9385, 85.1120, 106.7174

Trichromacy



Original Color

79.6987, 85.0728, 95.4392

Protanomaly

80.9374, 84.8642, 94.5526

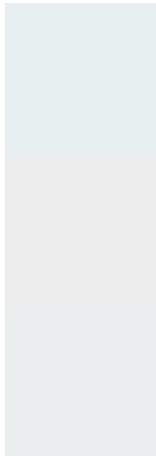
Deuteranomaly

83.4559, 84.8493, 95.9834

Tritanomaly

81.1086, 85.2070, 102.6142

Monochromacy



Original Color

79.6987, 85.0728, 95.4392

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2681, 84.9843, 93.0619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6987, 85.0728, 95.4392 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(231, 239, 241) looks like.

```
.text, #text, p{  
    color:rgb(231, 239, 241)  
}
```

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(231, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.6987, 85.0728, 95.4392 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(231, 239, 241) }
```


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

```
.border{ border-color:rgb(231, 239, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 239,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6987, 85.0728, 95.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 239, 241) }
```

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

```
.background{ background-color: rgb(231,  
239, 241) }
```

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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