

Converting Colors

XYZ(79.6364, 85.2833, 96.9714)

Have a look what the booklet for
XYZ(79.6364, 85.2833, 96.9714)
contains.

XYZ(79.6508, 85.4493, 97.0893)	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(79.6508, 85.4493,
97.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F0F3
RGB	229, 240, 243
RGB Percent	90%, 94%, 95%
CMY	0.1020, 0.0588, 0.0471
CMYK	0.06, 0.01, 0.00, 0.05
HSL	193°, 37%, 93%
HSV	193°, 6%, 95%
XYZ	79.6508, 85.4493, 97.0893
YIQ	237.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

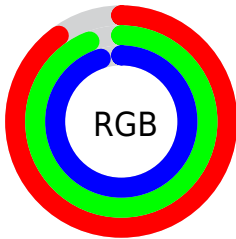
Format	Color
R _Y B	229, 235, 243
Decimal	15069427
CIE Lab	94.08, -3.07, -2.71
CIE LCh	94, 4.098, 221.486
Yxy	85.4493, 0.3038, 0.3259
Android (android.graphics.Color)	4293259507 (0xFFE5F0F3)
YUV	237.0530, 2.9319, -7.0625
Hunter-Lab	92.4388, -7.9616, 2.4343

Details

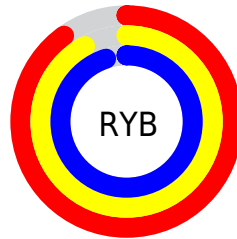
The XYZ color **79.6508, 85.4493, 97.0893** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.9617, 82.4241, 85.8249**, and the grayscale version is **80.5214, 84.7148, 92.2544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5657, 46.8675, 53.7639** is the 20% darker color. If you saturate the color by 10%, you get **70.9251, 78.7132, 96.2503**, and if you desaturate by 10%, it is **89.5106, 92.8399, 97.9975**.

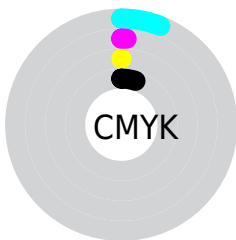
Distribution



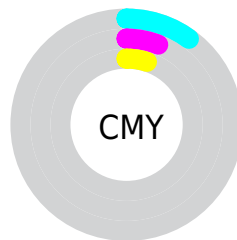
- Red (90%)
- Green (94%)
- Blue (95%)



- Red (90%)
- Yellow (92%)
- Blue (95%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6508, 85.4493, 97.0893 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 79.6508, 85.4493, 97.0893 by changing the saturation by 10% instead.

■ 79.6508, 85.4493,
97.0893

■ 79.6508, 85.4493,
97.0893

482.5097,
513.1136, 571.9865

■ 59.7385, 64.2127,
73.2687

131.8278,
141.0007, 159.1682

■ 43.4566, 46.8230,
53.7025

164.8232,
176.0844, 198.2636

■ 30.4396, 32.8957,
37.9723

202.9103,
216.5525, 243.2876

■ 20.3222, 22.0466,
25.6595

246.4546,
262.7894, 294.6589

■ 12.7391, 13.8911,
16.3456

295.8213,
315.1796, 352.7958

■ 7.3249, 8.0450,
9.6121

351.3758,

■ 3.7142, 4.1237,

374.1074, 418.1171

5.0403

413.4835,
439.9573, 491.0411

■ 1.5418, 1.7430,
2.2118

■ 0.3540, 0.4513,
0.6811

■ 79.6508, 85.4493,
97.0893

■ 79.6508, 85.4493,
97.0893

■ 70.9251, 78.7132,
96.2503

■ 89.5106, 92.8399,
97.9975

■ 63.2809, 72.5968,
95.4726

■ 91.7298, 96.3550,
98.5590

■ 56.6724, 67.0785,
94.7558

■ 93.1779, 99.2512,
99.0417

■ 51.0475, 62.1307,
94.0972

■ 46.3494, 57.7236,
93.4942

■ 42.5154, 53.8243,
92.9436

■ 39.4746, 50.3958,
92.4421

■ 37.1441, 47.3947,
91.9857

■ 35.4219, 44.7678,
91.5694

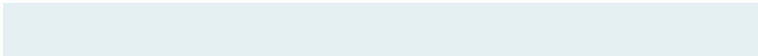
Harmonies

Analogous

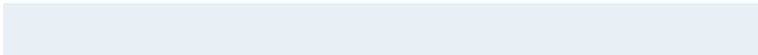
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1722, 85.4493, 94.2449



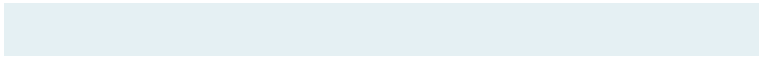
79.6508, 85.4493, 97.0893



80.5506, 85.4493, 98.8722

Triad

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



79.6508, 85.4493, 97.0893



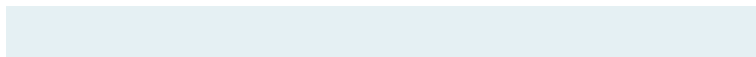
83.2288, 85.4493, 94.9666



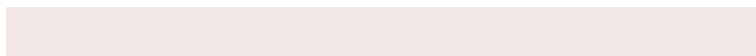
80.7987, 85.4493, 87.2580

Complementary

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



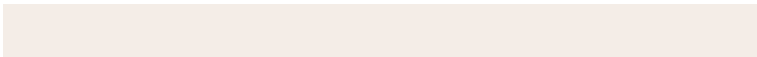
79.6508, 85.4493, 97.0893



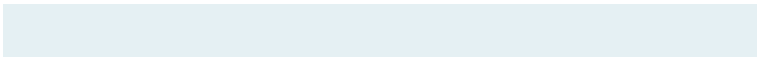
79.9617, 82.4241, 85.8249

Split Complementary

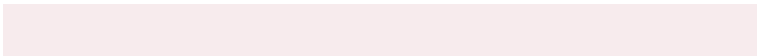
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8870, 85.4493, 87.4413



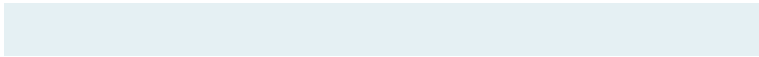
79.6508, 85.4493, 97.0893



83.2967, 85.4493, 91.8449

Square

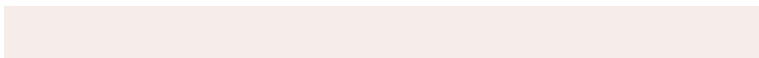
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



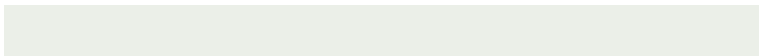
79.6508, 85.4493, 97.0893



82.6189, 85.4493, 97.6278



82.8036, 85.4493, 89.1044



79.8310, 85.4493, 88.5978

Rectangle

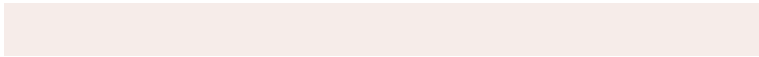
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



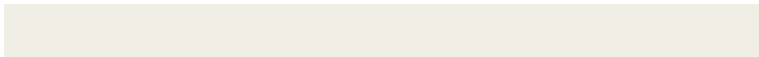
79.6508, 85.4493, 97.0893



81.2716, 85.4493, 99.1952



82.8036, 85.4493, 89.1044



81.1625, 85.4493, 87.1443

Sweetspot

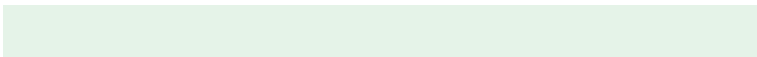
The Sweet Spot groups the original color and five complimentary colors.



79.6532, 85.4529, 97.0912



92.8513, 98.3512, 108.6976



78.9020, 86.5753, 88.7484



19.8971, 21.0685, 23.2679



0.0000, 0.0000, 0.0000



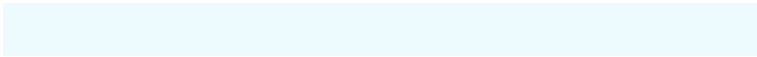
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6532, 85.4529, 97.0912



87.5786, 94.3573, 108.2046



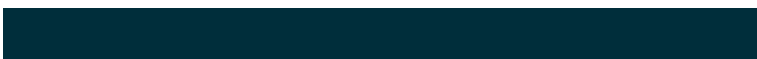
77.6875, 81.5215, 96.4359



17.0506, 18.4062, 21.1966



19.2063, 24.2063, 50.1980



1.7612, 2.2739, 4.4363

Inverse Universe

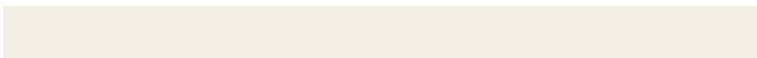
The Inverse Universe completely reimagines the original color for something new.



80.7115, 81.3861, 93.8976



89.0086, 88.8917, 103.8823



81.9142, 86.3291, 86.4757



17.3530, 17.2533, 20.2820



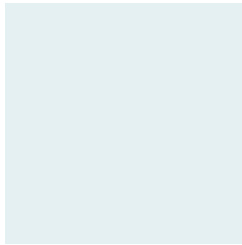
25.4990, 12.5430, 28.3996



2.2781, 1.1172, 2.6906

Previews

White Background



This preview shows how the XYZ color 79.6508, 85.4493, 97.0893 looks on a white background.

Color Contrast Check

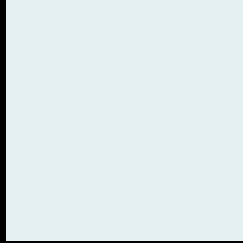
Large Text (above 18pt) WCAG AA × Fail

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 79.6508, 85.4493, 97.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

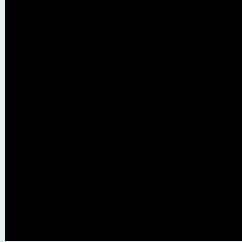
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

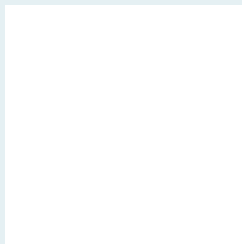
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6508, 85.4493, 97.0893

Background



This preview shows how black text looks on a background with the XYZ color 79.6508, 85.4493, 97.0893.



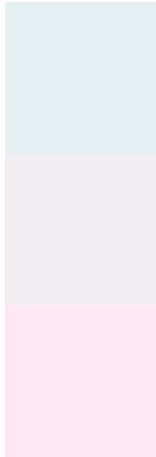
This preview shows how white text looks on a background with the XYZ color 79.6508, 85.4493,

97.0893.

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

79.6508, 85.4493, 97.0893

Protanopia

82.4370, 85.6200, 95.4005

Deuteranopia

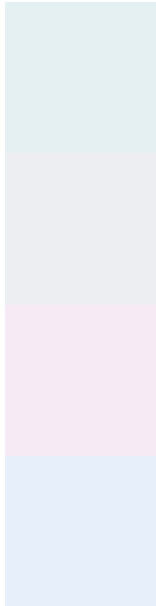
86.1450, 84.9435, 97.4433



Tritanopia

81.9032, 85.5249, 106.7989

Trichromacy



Original Color

79.6508, 85.4493, 97.0893

Protanomaly

81.5266, 85.5644, 96.2231

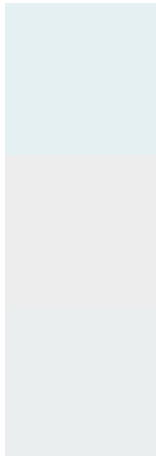
Deuteranomaly

83.7580, 84.9701, 97.5743

Tritanomaly

81.2341, 85.6870, 103.5245

Monochromacy



Original Color

79.6508, 85.4493, 97.0893

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.0862, 84.8735, 93.8226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6508, 85.4493, 97.0893 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(229, 240, 243) looks like.

```
.text, #text, p{  
    color:rgb(229, 240, 243)  
}
```

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(229, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 240, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.6508, 85.4493, 97.0893 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(229, 240, 243) }
```


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

```
.border{ border-color:rgb(229, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(229, 240,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6508, 85.4493, 97.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 240, 243) }
```

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

```
.background{ background-color: rgb(229,  
240, 243) }
```

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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