

Converting Colors

XYZ(79.8774, 85.8204, 93.0962)

Have a look what the booklet for
XYZ(79.8774, 85.8204, 93.0962)
contains.

XYZ(79.8714, 85.6490, 93.2112)	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(79.8714, 85.6490,
93.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F0EE
RGB	232, 240, 238
RGB Percent	91%, 94%, 93%
CMY	0.0902, 0.0588, 0.0667
CMYK	0.03, 0.00, 0.01, 0.06
HSL	165°, 21%, 93%
HSV	165°, 3%, 94%
XYZ	79.8714, 85.6490, 93.2112
YIQ	237.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

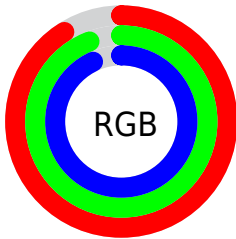
Format	Color
R _Y B	232, 237, 240
Decimal	15266030
CIE Lab	94.16, -3.00, 0.03
CIE LCh	94, 3.004, 179.404
Yxy	85.6490, 0.3087, 0.3310
Android (android.graphics.Color)	4293456110 (0xFFE8F0EE)
YUV	237.3800, 0.3057, -4.7183
Hunter-Lab	92.5467, -7.9044, 5.0670

Details

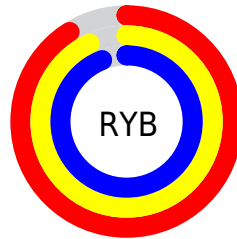
The XYZ color **79.8714, 85.6490, 93.2112** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.6462, 82.1812, 89.5107**, and the grayscale version is **80.7911, 84.9985, 92.5634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4885, 46.8885, 51.0143** is the 20% darker color. If you saturate the color by 10%, you get **71.7390, 81.5593, 88.3003**, and if you desaturate by 10%, it is **88.7324, 90.1157, 98.3135**.

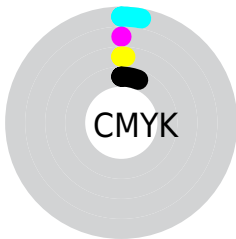
Distribution



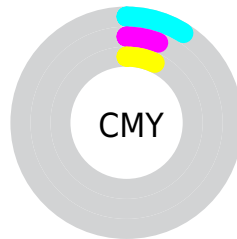
- Red (91%)
- Green (94%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8714, 85.6490, 93.2112 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 79.8714, 85.6490, 93.2112 by changing the saturation by 10% instead.

■ 79.8714, 85.6490,
93.2112

■ 79.8714, 85.6490,
93.2112

483.2425,
513.7731, 559.2597

■ 59.9206, 64.3778,
70.0584

132.1364,
141.2796, 153.7652

■ 43.6039, 46.9567,
51.0971

165.1813,
176.4077, 192.0035

■ 30.5558, 33.0014,
35.9086

203.3217,
216.9236, 236.1074

■ 20.4110, 22.1275,
24.0745

246.9228,
263.2116, 286.4955

■ 12.8041, 13.9506,
15.1762

296.3501,
315.6562, 343.5862

■ 7.3699, 8.0863,
8.7951

351.9689,

■ 3.7429, 4.1503,

374.6417, 407.7981

4.5128

414.1446,
440.5526, 479.5498

■ 1.5577, 1.7580,
1.9107

■ 0.3646, 0.4608,
0.4995

■ 79.8714, 85.6490,
93.2112

■ 79.8714, 85.6490,
93.2112

■ 71.7390, 81.5593,
88.3003

■ 88.7324, 90.1157,
98.3135

■ 64.6544, 78.0040,
83.5891

■ 89.6600, 90.4867,
103.1981

■ 58.5740, 74.9630,
79.0757

■ 90.4517, 90.8034,
107.3672

■ 53.4484, 72.4110,
74.7563

■ 49.2238, 70.3201,
70.6268

■ 45.8409, 68.6600,
66.6829

■ 43.2331, 67.3962,
62.9200

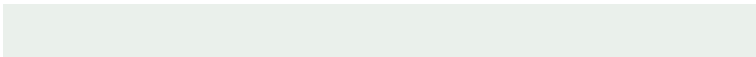
■ 41.3236, 66.4893,
59.3327

■ 40.0192, 65.8911,
55.9150

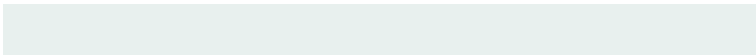
Harmonies

Analogous

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



80.0839, 85.6490, 91.0228



79.8714, 85.6490, 93.2112



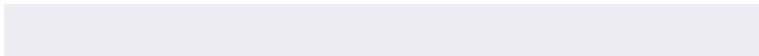
80.0680, 85.6490, 95.4469

Triad

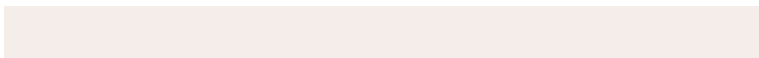
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8714, 85.6490, 93.2112



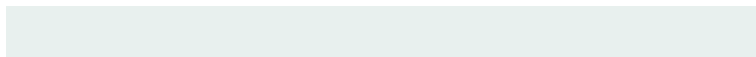
82.1678, 85.6490, 97.1659



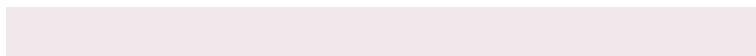
82.1958, 85.6490, 89.4995

Complementary

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



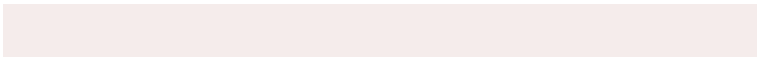
79.8714, 85.6490, 93.2112



79.6462, 82.1812, 89.5107

Split Complementary

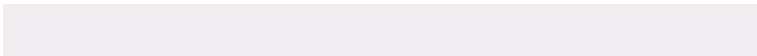
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7604, 85.6490, 91.1013



79.8714, 85.6490, 93.2112



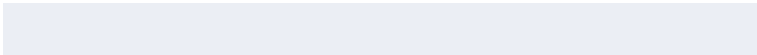
82.7442, 85.6490, 95.5278

Square

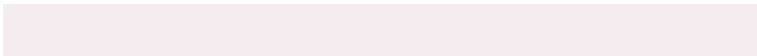
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8714, 85.6490, 93.2112



81.3907, 85.6490, 97.7528



82.9618, 85.6490, 93.3032



81.4229, 85.6490, 88.9016

Rectangle

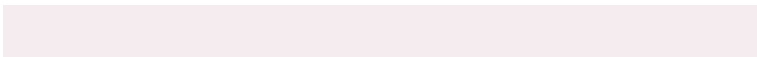
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



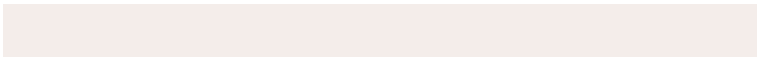
79.8714, 85.6490, 93.2112



80.4054, 85.6490, 96.6581



82.9618, 85.6490, 93.3032



82.4165, 85.6490, 89.9371

Sweetspot

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



79.8738, 85.6527, 93.2131



94.0154, 99.4785, 108.3160



79.7038, 85.6652, 88.6793



20.1341, 21.2980, 23.1903



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

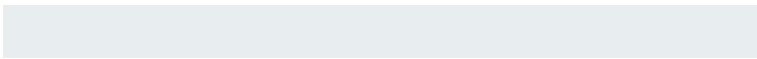
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8738, 85.6527, 93.2131



90.9880, 97.9531, 106.5781



79.6230, 84.6771, 94.5901



16.9102, 18.2811, 19.8861



21.6186, 35.9395, 29.7042



1.8379, 3.0056, 2.6790

Inverse Universe

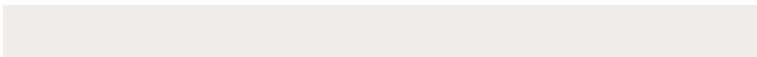
The Inverse Universe completely reimagines the original color for something new.



79.6462, 82.1812, 89.5107



90.6751, 93.1811, 101.4887



79.8884, 83.1237, 88.1791



16.8413, 17.2309, 18.7661



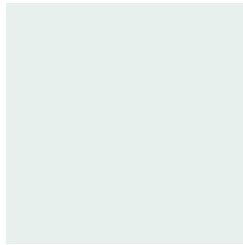
20.1639, 10.3380, 3.5138



1.7161, 0.8755, 0.4956

Previews

White Background



This preview shows how the XYZ color 79.8714, 85.6490, 93.2112 looks on a white background.

Color Contrast Check

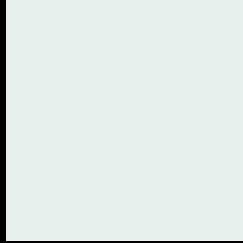
Large Text (above 18pt) WCAG AA × Fail

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 79.8714, 85.6490, 93.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

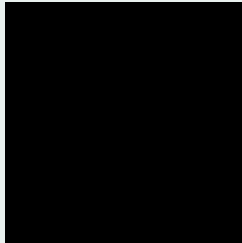
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

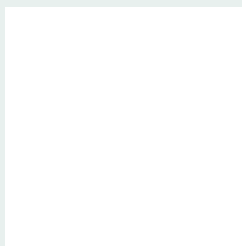
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8714, 85.6490, 93.2112

Background



This preview shows how black text looks on a background with the XYZ color 79.8714, 85.6490, 93.2112.



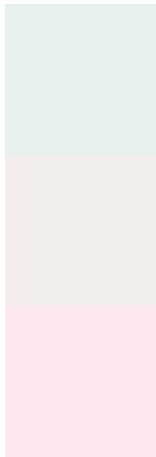
This preview shows how white text looks on a background with the XYZ color 79.8714, 85.6490,

93.2112.

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

79.8714, 85.6490, 93.2112

Protanopia

82.3867, 85.6792, 91.5524

Deuteranopia

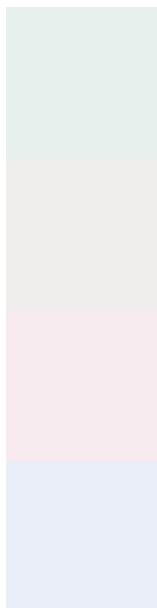
85.6766, 85.2052, 93.5920



Tritanopia

82.5951, 85.4505, 106.7481

Trichromacy



Original Color

79.8714, 85.6490, 93.2112

Protanomaly

81.4572, 85.6142, 92.3527

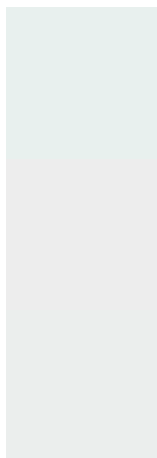
Deuteranomaly

83.6461, 85.4228, 93.7410

Tritanomaly

81.6051, 85.4810, 101.8210

Monochromacy



Original Color

79.8714, 85.6490, 93.2112

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1215, 84.9257, 92.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8714, 85.6490, 93.2112 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(232, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 238)  
}
```

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(232, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.8714, 85.6490, 93.2112 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(232, 240, 238) }
```


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

```
.border{ border-color:rgb(232, 240, 238) }
```

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

Here you see how a box with a 4 pixel rgb(232, 240, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8714, 85.6490, 93.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 238) }
```

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

```
.background{ background-color: rgb(232,  
240, 238) }
```

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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