

Converting Colors

XYZ(79.7507, 88.0939, 84.7538)

Have a look what the booklet for
XYZ(79.7507, 88.0939, 84.7538)
contains.

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Color

**XYZ(79.6586, 87.9516,
84.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F5E2
RGB	232, 245, 226
RGB Percent	91%, 96%, 89%
CMY	0.0902, 0.0392, 0.1137
CMYK	0.05, 0.00, 0.08, 0.04
HSL	101°, 49%, 92%
HSV	101°, 8%, 96%
XYZ	79.6586, 87.9516, 84.7294
YIQ	238.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

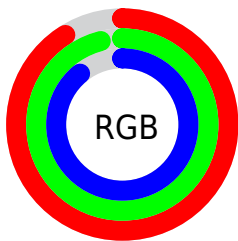
Format	Color
R _Y B	226, 245, 239
Decimal	15267298
CIE Lab	95.14, -7.64, 7.66
CIE LCh	95, 10.821, 134.920
Yxy	87.9516, 0.3157, 0.3485
Android (android.graphics.Color)	4293457378 (0xFFE8F5E2)
YUV	238.9470, -6.3829, -6.0925
Hunter-Lab	93.7825, -12.5020, 12.0812

Details

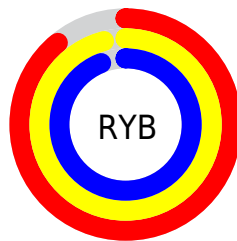
The XYZ color **79.6586, 87.9516, 84.7294** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2778, 79.3384, 97.5262**, and the grayscale version is **82.0540, 86.3272, 94.0103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4528, 48.5656, 45.6120** is the 20% darker color. If you saturate the color by 10%, you get **71.3495, 84.0317, 68.0272**, and if you desaturate by 10%, it is **88.9723, 92.3389, 103.9899**.

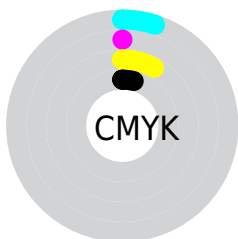
Distribution



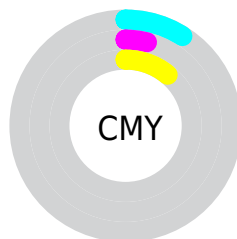
- Red (91%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6586, 87.9516, 84.7294 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 79.6586, 87.9516, 84.7294 by changing the saturation by 10% instead.

79.6586, 87.9516,
84.7294

79.6586, 87.9516,
84.7294

482.5356,
521.3447, 530.8535

59.7450, 66.2830,
63.0690

131.8387,
144.4898, 141.8658

43.4618, 48.5022,
45.4556

164.8358,
180.1281, 178.1789

30.4437, 34.2247,
31.4709

202.9249,
221.1918, 220.2133

20.3253, 23.0663,
20.6962

246.4711,
268.0653, 268.3875

12.7414, 14.6425,
12.7131

295.8400,
321.1329, 323.1201

7.3265, 8.5688,
7.1029

351.3968,

3.7152, 4.4610,

380.7791, 384.8296

3.4471

413.5069,
447.3883, 453.9345

■ 1.5423, 1.9347,
1.3272

■ 0.3544, 0.5691,
0.0839

■ 79.6586, 87.9516,
84.7294

■ 79.6586, 87.9516,
84.7294

■ 71.3495, 84.0317,
68.0272

■ 88.9723, 92.3389,
103.9899

■ 64.0029, 80.5524,
53.7702

■ 91.9441, 93.7882,
107.8647

■ 57.5844, 77.5008,
41.8451

■ 52.0548, 74.8596,
32.1277

■ 47.3716, 72.6097,
24.4820

■ 43.4888, 70.7307,
18.7571

■ 40.3550, 69.1999,
14.7816

■ 37.9122, 67.9918,
12.3537

■ 36.0871, 67.0745,
11.2025

Harmonies

Analogous

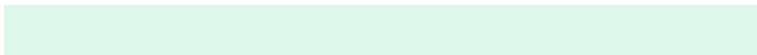
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1452, 87.9516, 80.9270



79.6586, 87.9516, 84.7294



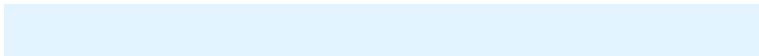
78.2438, 87.9516, 91.6051

Triad

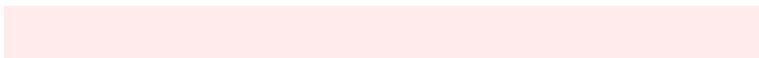
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6586, 87.9516, 84.7294



82.1302, 87.9516, 112.2997



89.1898, 87.9516, 91.6474

Complementary

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



79.6586, 87.9516, 84.7294



79.2778, 79.3384, 97.5262

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.



89.1855, 87.9516, 100.0476



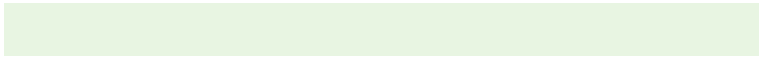
79.6586, 87.9516, 84.7294



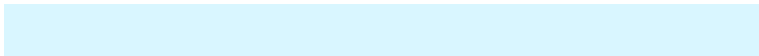
85.0625, 87.9516, 112.3126

Square

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



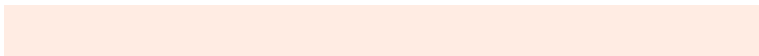
79.6586, 87.9516, 84.7294



79.6478, 87.9516, 107.6836



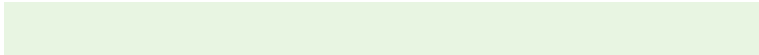
87.6597, 87.9516, 107.7181



87.6712, 87.9516, 84.7588

Rectangle

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



79.6586, 87.9516, 84.7294



78.0773, 87.9516, 97.1627



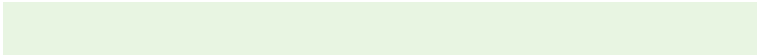
87.6597, 87.9516, 107.7181



89.3675, 87.9516, 94.3795

Sweetspot

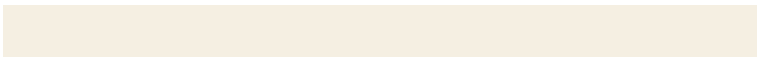
The Sweet Spot groups the original color and five complimentary colors.



79.6610, 87.9554, 84.7313



92.9673, 99.0200, 104.5731



82.2488, 86.6304, 84.3392



19.9207, 21.2046, 22.4283



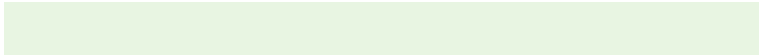
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

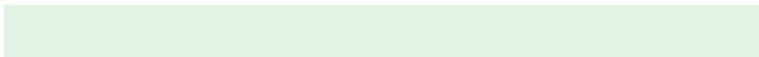
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6610, 87.9554, 84.7313



86.0290, 95.7512, 90.3288



78.2295, 87.1616, 87.1857



16.7745, 18.7258, 17.5279



19.3805, 36.1038, 5.9473



1.8052, 3.2257, 0.5275

Inverse Universe

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



79.2778, 79.3384, 97.5262



85.5451, 84.8730, 106.4812



80.8103, 80.1893, 94.8471



16.6751, 16.4907, 20.8467



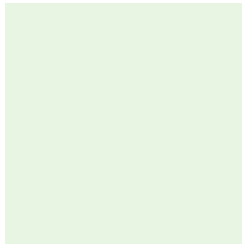
17.6882, 8.0929, 47.1678



1.6606, 0.7659, 4.1506

Previews

White Background



This preview shows how the XYZ color 79.6586, 87.9516, 84.7294 looks on a white background.

Color Contrast Check

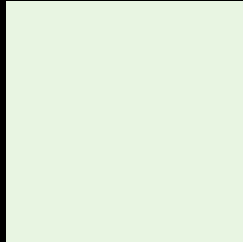
Large Text (above 18pt) WCAG AA × Fail

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 79.6586, 87.9516, 84.7294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

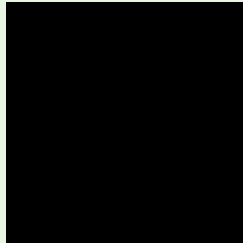
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

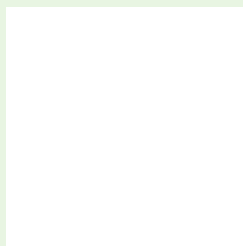
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6586, 87.9516, 84.7294

Background



This preview shows how black text looks on a background with the XYZ color 79.6586, 87.9516, 84.7294.



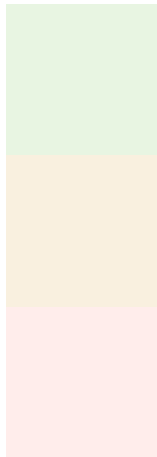
This preview shows how white text looks on a background with the XYZ color 79.6586, 87.9516,

84.7294.

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

79.6586, 87.9516, 84.7294

Protanopia

83.5463, 87.7876, 82.3534

Deuteranopia

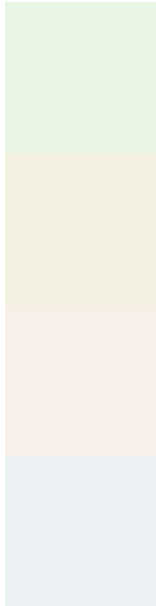
86.5196, 87.8265, 90.9894



Tritanopia

84.4700, 87.7173, 107.0868

Trichromacy



Original Color

79.6586, 87.9516, 84.7294

Protanomaly

82.1688, 87.9408, 83.1645

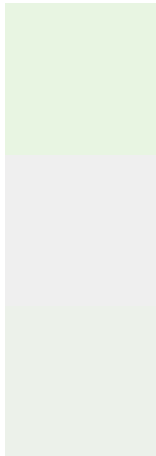
Deuteranomaly

84.0833, 87.9205, 88.8826

Tritanomaly

82.6733, 87.8688, 98.1910

Monochromacy



Original Color

79.6586, 87.9516, 84.7294

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8987, 86.6840, 90.3098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6586, 87.9516, 84.7294 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, 245, 226) looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 226)  
}
```

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, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.6586, 87.9516, 84.7294 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, 245, 226) }
```


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

```
.border{ border-color:rgb(232, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6586, 87.9516, 84.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 226) }
```

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

```
.background{ background-color: rgb(232,  
245, 226) }
```

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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