

Converting Colors

XYZ(76.0562, 88.4759, 65.8093)

Have a look what the booklet for
XYZ(76.0562, 88.4759, 65.8093)
contains.

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Color

**XYZ(75.9486, 88.2766,
65.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F9C5
RGB	228, 249, 197
RGB Percent	89%, 98%, 77%
CMY	0.1059, 0.0235, 0.2274
CMYK	0.08, 0.00, 0.21, 0.02
HSL	84°, 81%, 87%
HSV	84°, 21%, 98%
XYZ	75.9486, 88.2766, 65.8595
YIQ	236.7930, 4.1760, -20.6240

Conversions

Conversions Part 2

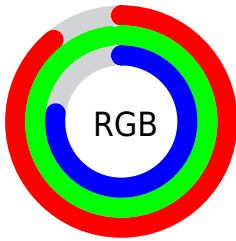
Format	Color
RYB	197, 249, 218
Decimal	15006149
CIELab	95.28, -15.67, 22.72
CIELCh	95, 27.594, 124.591
Yxy	88.2766, 0.3301, 0.3837
Android (android.graphics.Color)	4293196229 (0xFFE4F9C5)
YUV	236.7930, -19.6179, -7.7115
Hunter-Lab	93.9556, -20.1327, 24.2088

Details

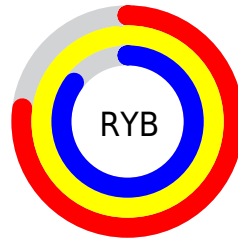
The XYZ color **75.9486, 88.2766, 65.8595** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.9822, 61.6800, 98.0552**, and the grayscale version is **80.4829, 84.6743, 92.2103**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **41.0411, 48.8938, 33.2609** is the 20% darker color. If you saturate the color by 10%, you get **70.2300, 85.6341, 51.9084**, and if you desaturate by 10%, it is **82.3288, 91.2110, 82.3052**.

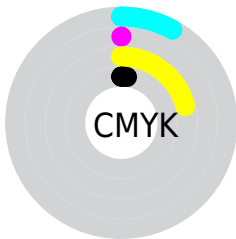
Distribution



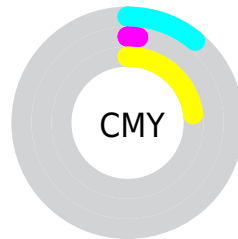
- Red (89%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9486, 88.2766, 65.8595 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 75.9486, 88.2766, 65.8595 by changing the saturation by 10% instead.

75.9486, 88.2766,
65.8595

75.9486, 88.2766,
65.8595

470.1188,
522.4086, 464.2647

56.6873, 66.5522,
47.7026

126.6350,
144.9422, 114.9097

40.9934, 48.7208,
33.2331

158.7908,
180.6521, 146.6401

28.5016, 34.3980,
22.0325

195.9754,
221.7927, 183.7321

18.8465, 23.1995,
13.6822

238.5542,
268.7483, 226.6042

11.6627, 14.7409,
7.7638

286.8926,
321.9032, 275.6750

6.5850, 8.6378,
3.8586

341.3560,

3.2480, 4.5057,

381.6420, 331.3630

1.5481

402.3096,
448.3490, 394.0867

■ 1.2862, 1.9603,
0.2534

■ 0.1729, 0.5842,
0.0000

■ 75.9486, 88.2766,
65.8595

■ 75.9486, 88.2766,
65.8595

■ 70.2300, 85.6341,
51.9084

■ 82.3288, 91.2110,
82.3052

■ 65.1399, 83.2612,
40.3243

■ 89.3883, 94.4360,
101.3534

■ 60.6522, 81.1499,
30.9769

■ 93.1675, 96.2351,
108.2725

■ 56.7361, 79.2877,
23.7210

■ 53.3575, 77.6604,
18.3943

■ 50.4776, 76.2520,
14.8107

■ 48.0503, 75.0439,
12.7472

■ 46.1678, 74.0909,
11.8677

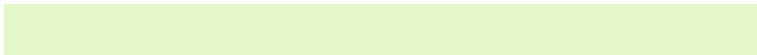
Harmonies

Analogous

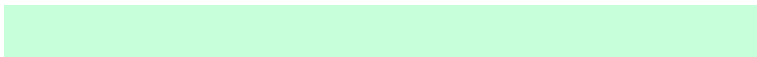
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7504, 88.2766, 60.4217



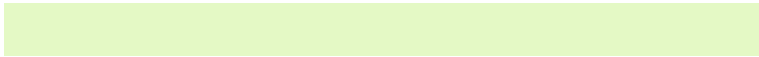
75.9486, 88.2766, 65.8595



71.4918, 88.2766, 79.3988

Triad

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



75.9486, 88.2766, 65.8595



77.8429, 88.2766, 138.6571



99.1826, 88.2766, 92.8365

Complementary

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



75.9486, 88.2766, 65.8595



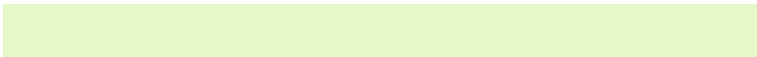
65.9822, 61.6800, 98.0552

Split Complementary

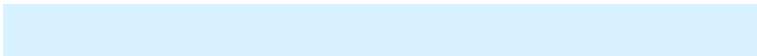
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6762, 88.2766, 115.0339



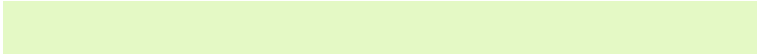
75.9486, 88.2766, 65.8595



85.0688, 88.2766, 143.6682

Square

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



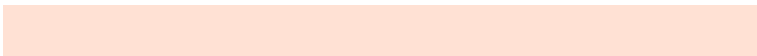
75.9486, 88.2766, 65.8595



72.5387, 88.2766, 121.6381



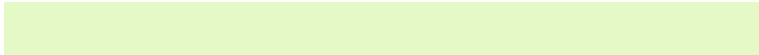
92.3970, 88.2766, 134.4617



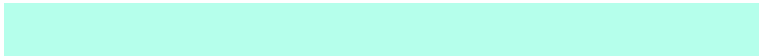
96.3990, 88.2766, 74.4434

Rectangle

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



75.9486, 88.2766, 65.8595



70.2975, 88.2766, 92.2617



92.3970, 88.2766, 134.4617



99.1625, 88.2766, 100.0807

Sweetspot

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



75.9509, 88.2805, 65.8614



90.4464, 97.9001, 96.3342



74.1679, 74.2132, 63.2401



19.2554, 20.9072, 20.3399



0.0000, 0.0000, 0.0000



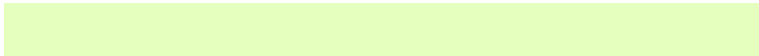
20.3446, 21.4041, 23.3091

Same Dimension

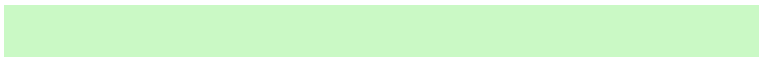
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9509, 88.2805, 65.8614



77.5845, 91.9918, 63.1016



68.3678, 84.3712, 65.5065



18.0096, 19.8207, 18.3390



24.8765, 39.7426, 6.3600



2.4239, 3.7426, 0.5947

Inverse Universe

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



65.9822, 61.6800, 98.0552



65.3506, 59.3424, 102.6176



74.3074, 65.9717, 98.4448



16.9467, 16.9852, 21.7706



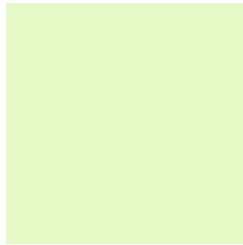
12.1507, 5.2066, 48.3381



1.2417, 0.5422, 4.4824

Previews

White Background



This preview shows how the XYZ color 75.9486, 88.2766, 65.8595 looks on a white background.

Color Contrast Check

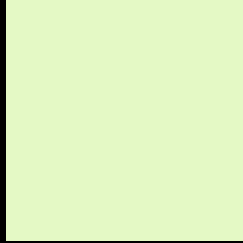
Large Text (above 18pt) WCAG AA × Fail

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 75.9486, 88.2766, 65.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

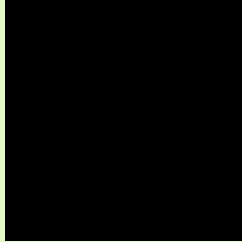
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

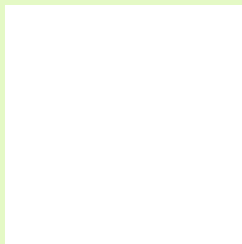
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9486, 88.2766, 65.8595

Background



This preview shows how black text looks on a background with the XYZ color 75.9486, 88.2766, 65.8595.



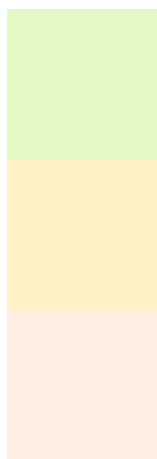
This preview shows how white text looks on a background with the XYZ color 75.9486, 88.2766,

65.8595.

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

75.9486, 88.2766, 65.8595

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

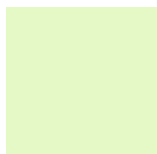
85.8181, 88.0105, 85.8634



Tritanopia

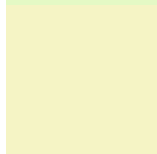
84.7652, 88.3077, 107.1852

Trichromacy



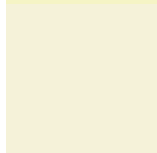
Original Color

75.9486, 88.2766, 65.8595



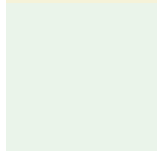
Protanomaly

80.0849, 88.1451, 65.6161



Deuteranomaly

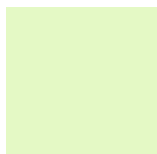
81.9327, 87.9265, 78.2988



Tritanomaly

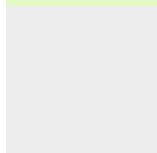
81.1337, 88.1343, 90.5773

Monochromacy



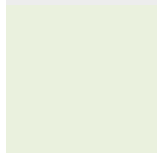
Original Color

75.9486, 88.2766, 65.8595



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5718, 85.6769, 81.5034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9486, 88.2766, 65.8595 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(228, 249, 197)` looks like.

```
.text, #text, p{  
    color:rgb(228, 249, 197)  
}
```

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(228, 249, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 249, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.9486, 88.2766, 65.8595 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(228, 249, 197) }
```


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

```
.border{ border-color:rgb(228, 249, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 249, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 249, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 249, 197);  
box-shadow:4px 4px 4px 4px rgb(228, 249,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9486, 88.2766, 65.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 249, 197) }
```

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

```
.background{ background-color: rgb(228,  
249, 197) }
```

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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