

Converting Colors

XYZ(74.6165, 80.9170, 85.8657)

Have a look what the booklet for
XYZ(74.6165, 80.9170, 85.8657)
contains.

XYZ(74.5917, 80.9211, 85.8167)	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(74.5917, 80.9211,
85.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EBE5
RGB	224, 235, 229
RGB Percent	88%, 92%, 90%
CMY	0.1216, 0.0784, 0.1020
CMYK	0.05, 0.00, 0.03, 0.08
HSL	147°, 22%, 90%
HSV	147°, 5%, 92%
XYZ	74.5917, 80.9211, 85.8167
YIQ	231.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

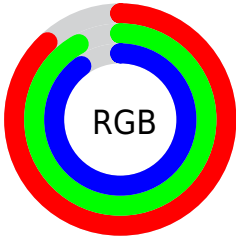
Format	Color
R _Y B	224, 232, 235
Decimal	14740453
CIE Lab	92.10, -4.74, 1.63
CIE LCh	92, 5.008, 160.998
Yxy	80.9211, 0.3091, 0.3353
Android (android.graphics.Color)	4292930533 (0xFFE0EBE5)
YUV	231.0270, -0.9993, -6.1627
Hunter-Lab	89.9562, -9.4110, 6.4076

Details

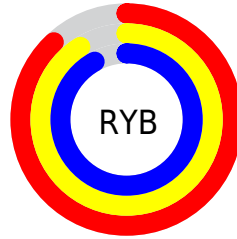
The XYZ color **74.5917, 80.9211, 85.8167** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2025, 76.6888, 85.7057**, and the grayscale version is **75.9874, 79.9446, 87.0597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1223, 43.7312, 46.3707** is the 20% darker color. If you saturate the color by 10%, you get **66.0813, 76.7354, 76.4161**, and if you desaturate by 10%, it is **84.2456, 85.6856, 95.9645**.

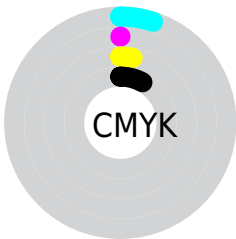
Distribution



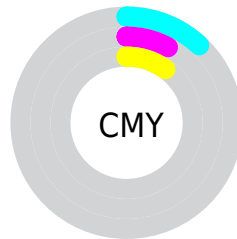
- Red (88%)
- Green (92%)
- Blue (90%)



- Red (88%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5917, 80.9211, 85.8167 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 74.5917, 80.9211, 85.8167 by changing the saturation by 10% instead.

■ 74.5917, 80.9211,
85.8167

■ 74.5917, 80.9211,
85.8167

465.5318,
498.0316, 534.5415

■ 55.5715, 60.4766,
63.9624

124.7252,
134.6600, 143.3979

■ 40.0951, 43.8029,
46.1742

156.5692,
168.7232, 179.9620

■ 27.7972, 30.5156,
32.0337

193.4185,
208.0947, 222.2663

■ 18.3125, 20.2303,
21.1222

235.6385,
253.1590, 270.7295

■ 11.2756, 12.5625,
13.0212

283.5944,
304.3004, 325.7700

■ 6.3212, 7.1280,
7.3123

337.6517,

■ 3.0839, 3.5423,

361.9034, 387.8065

3.5768

398.1757,
426.3524, 457.2575

■ 1.1983, 1.4210,
1.3961

■ 0.1050, 0.2321,
0.1387

■ 74.5917, 80.9211,
85.8167

■ 74.5917, 80.9211,
85.8167

■ 66.0813, 76.7354,
76.4161

■ 84.2456, 85.6856,
95.9645

■ 58.6637, 73.0958,
67.7406

■ 88.9429, 87.8770,
106.5833

■ 52.2943, 69.9820,
59.7743

■ 88.9999, 87.8997,
106.8833

■ 46.9229, 67.3684,
52.4991

■ 42.4949, 65.2272,
45.8959

■ 38.9502, 63.5279,
39.9447

■ 36.2214, 62.2362,
34.6246

■ 34.2307, 61.3121,
29.9130

■ 32.8832, 60.7074,
25.7859

Harmonies

Analogous

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



75.2974, 80.9211, 82.8562



74.5917, 80.9211, 85.8167



74.5040, 80.9211, 89.4715

Triad

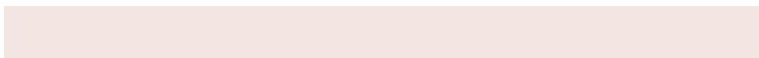
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5917, 80.9211, 85.8167



77.3872, 80.9211, 95.2678



78.8002, 80.9211, 83.5309

Complementary

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



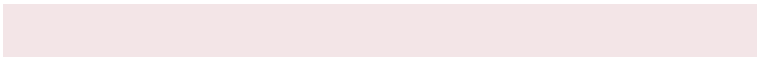
74.5917, 80.9211, 85.8167



75.2025, 76.6888, 85.7057

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.



79.3736, 80.9211, 86.7611



74.5917, 80.9211, 85.8167



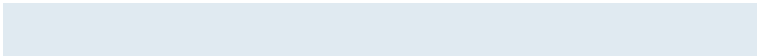
78.5517, 80.9211, 93.5799

Square

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



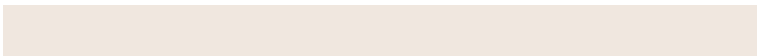
74.5917, 80.9211, 85.8167



76.1083, 80.9211, 94.9977



79.2821, 80.9211, 90.4424



77.7235, 80.9211, 81.5622

Rectangle

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



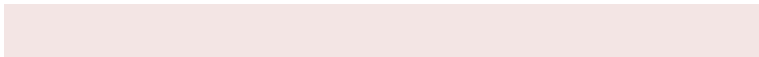
74.5917, 80.9211, 85.8167



74.8066, 80.9211, 91.8185



79.2821, 80.9211, 90.4424



79.0588, 80.9211, 84.5014

Sweetspot

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



74.5940, 80.9246, 85.8185



93.8948, 99.4303, 107.6809



75.8150, 81.6335, 82.2832



20.1095, 21.2882, 23.0610



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

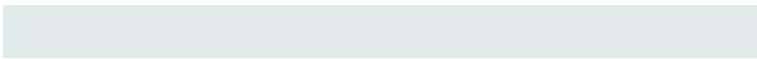
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5940, 80.9246, 85.8185



88.3283, 96.6867, 101.7216



75.3677, 81.2340, 89.8926



15.6844, 17.2377, 18.0703



18.0672, 33.6814, 13.5851



1.4667, 2.6640, 1.3193

Inverse Universe

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



75.2025, 76.6888, 85.7057



89.2625, 90.1840, 101.5484



74.4484, 76.3872, 81.7345



15.8674, 15.9641, 18.0363



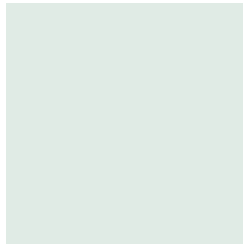
21.3095, 10.7265, 12.6972



1.7217, 0.8617, 1.2521

Previews

White Background



This preview shows how the XYZ color 74.5917, 80.9211, 85.8167 looks on a white background.

Color Contrast Check

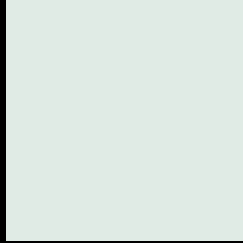
Large Text (above 18pt) WCAG AA × Fail

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 74.5917, 80.9211, 85.8167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

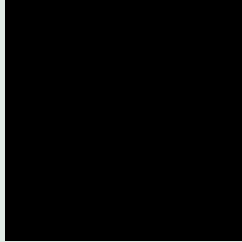
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

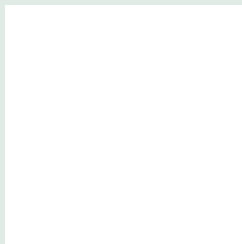
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5917, 80.9211, 85.8167

Background



This preview shows how black text looks on a background with the XYZ color 74.5917, 80.9211, 85.8167.



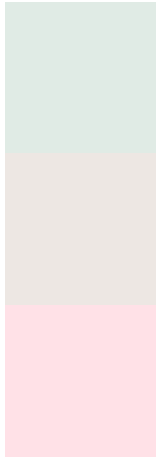
This preview shows how white text looks on a background with the XYZ color 74.5917, 80.9211,

85.8167.

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

74.5917, 80.9211, 85.8167

Protanopia

77.3661, 80.7024, 84.1725

Deuteranopia

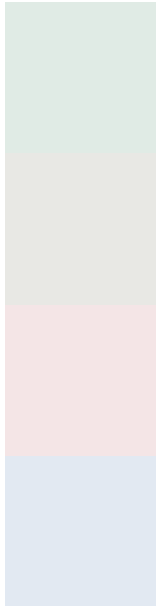
82.5890, 80.8799, 86.8598



Tritanopia

77.7905, 80.9462, 101.9667

Trichromacy



Original Color

74.5917, 80.9211, 85.8167

Protanomaly

76.1389, 80.4705, 84.9182

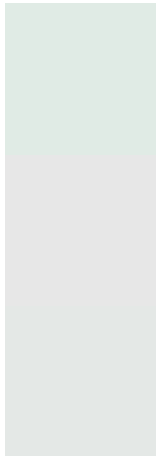
Deuteranomaly

79.6105, 80.9849, 86.2986

Tritanomaly

76.5300, 80.8574, 95.5779

Monochromacy



Original Color

74.5917, 80.9211, 85.8167

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1344, 79.9204, 86.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5917, 80.9211, 85.8167 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(224, 235, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 229)  
}
```

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(224, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5917, 80.9211, 85.8167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

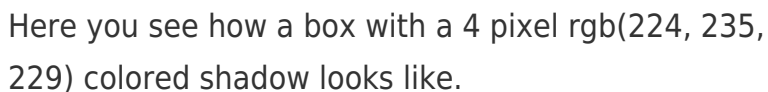
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 235, 229) }
```


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

```
.border{ border-color:rgb(224, 235, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 235, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 235, 229); box-shadow:4px 4px 4px 4px rgb(224, 235, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5917, 80.9211, 85.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 229) }
```

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

```
.background{ background-color: rgb(224,  
235, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor