

Converting Colors

XYZ(80.0324, 84.2700, 74.6661)

Have a look what the booklet for
XYZ(80.0324, 84.2700, 74.6661)
contains.

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Color

**XYZ(80.3635, 84.5692,
75.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ECD5
RGB	247, 236, 213
RGB Percent	97%, 93%, 84%
CMY	0.0314, 0.0745, 0.1647
CMYK	0.00, 0.04, 0.14, 0.03
HSL	41°, 68%, 90%
HSV	41°, 14%, 97%
XYZ	80.3635, 84.5692, 75.0387
YIQ	236.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

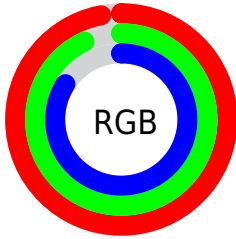
Format	Color
R _Y B	229, 247, 213
Decimal	16248021
CIE Lab	93.70, -0.03, 12.47
CIE LCh	94, 12.473, 90.153
Yxy	84.5692, 0.3349, 0.3524
Android (android.graphics.Color)	4294438101 (0xFFF7ECD5)
YUV	236.6670, -11.6678, 9.0620
Hunter-Lab	91.9615, -4.9447, 15.9936

Details

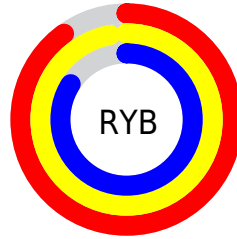
The XYZ color **80.3635, 84.5692, 75.0387** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8845, 74.1714, 98.5769**, and the grayscale version is **80.3215, 84.5045, 92.0254**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7280, 46.0583, 38.9332** is the 20% darker color. If you saturate the color by 10%, you get **75.2163, 78.9151, 59.0155**, and if you desaturate by 10%, it is **86.0958, 90.6275, 93.6146**.

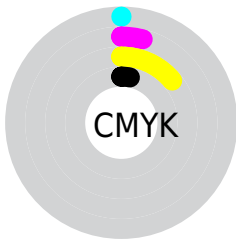
Distribution



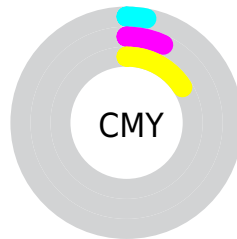
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (90%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3635, 84.5692, 75.0387 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 80.3635, 84.5692, 75.0387 by changing the saturation by 10% instead.

80.3635, 84.5692,
75.0387

80.3635, 84.5692,
75.0387

484.8749,
510.2015, 497.3095

60.3270, 63.4855,
55.1427

132.8245,
139.7711, 128.1147

43.9327, 46.2341,
39.1166

165.9798,
174.6581, 162.1318

30.8153, 32.4306,
26.5419

204.2386,
214.9150, 201.6930

20.6094, 21.6906,
17.0001

247.9665,
260.9262, 247.2169

12.9496, 13.6297,
10.0726

297.5287,
313.0760, 299.1219

7.4706, 7.8636,
5.3409

353.2906,

3.8071, 4.0078,

371.7489, 357.8267

2.3864

415.6175,
437.3293, 423.7497

■ 1.5936, 1.6779,
0.7790

■ 0.3882, 0.4093,
0.0000

■ 80.3635, 84.5692,
75.0387

■ 80.3635, 84.5692,
75.0387

■ 75.2163, 78.9151,
59.0155

■ 86.0958, 90.6275,
93.6146

■ 70.6243, 73.6428,
45.4258

■ 91.2127, 96.6035,
108.4467

■ 66.5654, 68.7440,
34.1490

■ 92.1681, 98.5143,
108.7651

■ 63.0129, 64.2059,
25.0516

■ 59.9376, 60.0145,
17.9869

■ 57.3068, 56.1544,
12.7894

■ 55.0828, 52.6081,
9.2677

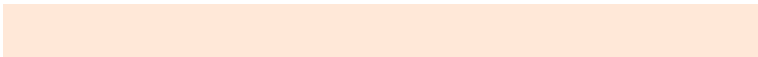
■ 53.2197, 49.3549,
7.1885

■ 52.1996, 47.4573,
6.4090

Harmonies

Analogous

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



83.5881, 84.5692, 77.1667



80.3635, 84.5692, 75.0387



77.2274, 84.5692, 77.2100

Triad

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



80.3635, 84.5692, 75.0387



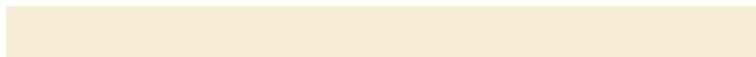
75.0046, 84.5692, 101.5390



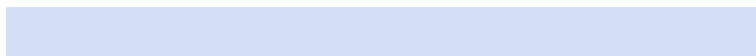
86.0251, 84.5692, 101.4491

Complementary

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



80.3635, 84.5692, 75.0387



70.8845, 74.1714, 98.5769

Split Complementary

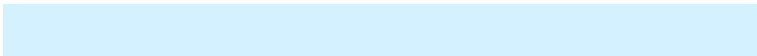
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6183, 84.5692, 108.7496



80.3635, 84.5692, 75.0387



77.2560, 84.5692, 108.8040

Square

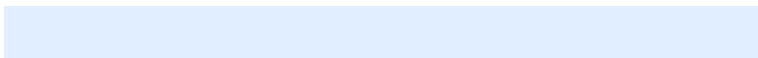
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3635, 84.5692, 75.0387



74.1857, 84.5692, 92.1301



80.3975, 84.5692, 111.5271



86.9109, 84.5692, 92.0328

Rectangle

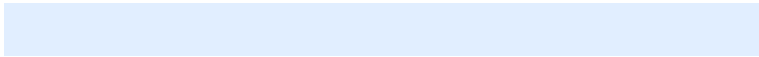
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3635, 84.5692, 75.0387



75.5949, 84.5692, 80.8949



80.3975, 84.5692, 111.5271



85.3639, 84.5692, 104.2546

Sweetspot

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



80.3658, 84.5729, 75.0405



92.4076, 97.2738, 100.1315



75.6528, 72.7638, 80.8168



19.6752, 20.7125, 21.0903



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.



80.3658, 84.5729, 75.0405



84.5293, 88.8953, 74.7595



81.6614, 90.0860, 76.0363



17.4366, 18.3573, 17.4219



27.7408, 25.3672, 3.4343



2.5311, 2.4155, 0.3328

Inverse Universe

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



70.8845, 74.1714, 98.5769



72.2070, 75.3778, 105.3514



69.6971, 69.3136, 97.7019



16.0187, 16.8017, 20.9413



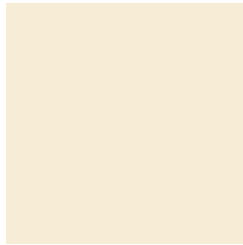
10.5052, 6.8041, 47.2977



1.0127, 0.7768, 4.1868

Previews

White Background



This preview shows how the XYZ color 80.3635, 84.5692, 75.0387 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 80.3635, 84.5692, 75.0387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

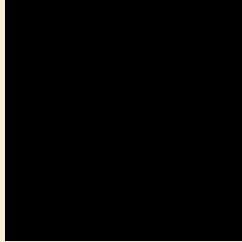
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3635, 84.5692, 75.0387

Background



This preview shows how black text looks on a background with the XYZ color 80.3635, 84.5692, 75.0387.

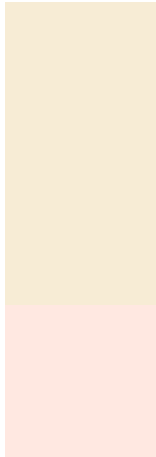


This preview shows how white text looks on a background with the XYZ color 80.3635, 84.5692,

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

80.3635, 84.5692, 75.0387

Protanopia

80.3635, 84.5692, 75.0387

Deuteranopia

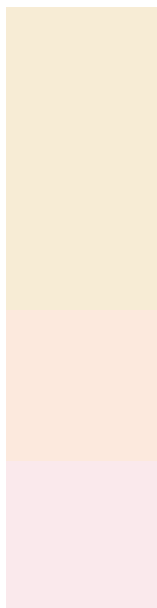
83.6872, 84.4095, 83.1160



Tritanopia

85.8197, 84.6868, 101.4455

Trichromacy



Original Color

80.3635, 84.5692, 75.0387

Protanomaly

80.3635, 84.5692, 75.0387

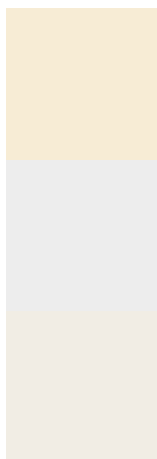
Deuteranomaly

82.3349, 84.1937, 80.3181

Tritanomaly

83.7036, 84.6579, 91.2858

Monochromacy



Original Color

80.3635, 84.5692, 75.0387

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.5634, 84.8706, 85.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3635, 84.5692, 75.0387 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(247, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 213)  
}
```

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(247, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 213) }
```

Border

The CSS property to change the border of an element to XYZ 80.3635, 84.5692, 75.0387 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(247, 236, 213) }
```


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

```
.border{ border-color:rgb(247, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 236,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3635, 84.5692, 75.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 213) }
```

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

```
.background{ background-color: rgb(247,  
236, 213) }
```

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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