

Converting Colors

XYZ(80.0821, 85.4906, 65.3572)

Have a look what the booklet for
XYZ(80.0821, 85.4906, 65.3572)
contains.

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Color

**XYZ(80.0769, 85.5043,
65.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEEC5
RGB	250, 238, 197
RGB Percent	98%, 93%, 77%
CMY	0.0196, 0.0666, 0.2274
CMYK	0.00, 0.05, 0.21, 0.02
HSL	46°, 84%, 88%
HSV	46°, 21%, 98%
XYZ	80.0769, 85.5043, 65.1068
YIQ	236.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

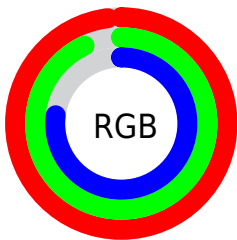
Format	Color
RYB	213, 250, 197
Decimal	16445125
CIELab	94.10, -2.33, 21.33
CIElCh	94, 21.460, 96.239
Yxy	85.5043, 0.3471, 0.3706
Android (android.graphics.Color)	4294635205 (0xFFFAEEC5)
YUV	236.9140, -19.6776, 11.4764
Hunter-Lab	92.4685, -7.2406, 22.9821

Details

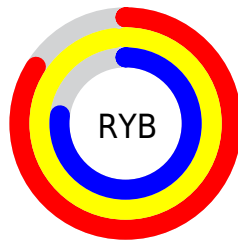
The XYZ color **80.0769, 85.5043, 65.1068** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0814, 64.3718, 99.5431**, and the grayscale version is **80.5677, 84.7635, 92.3075**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **43.6782, 46.7765, 32.7133** is the 20% darker color. If you saturate the color by 10%, you get **75.8259, 81.2123, 50.7098**, and if you desaturate by 10%, it is **84.8593, 90.0975, 82.0267**.

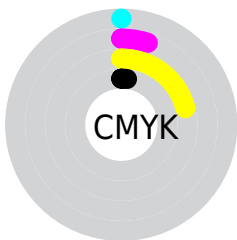
Distribution



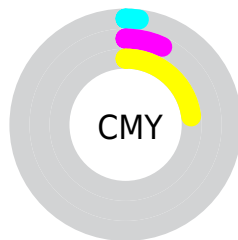
- Red (98%)
- Green (93%)
- Blue (77%)



- Red (84%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0769, 85.5043, 65.1068 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 80.0769, 85.5043, 65.1068 by changing the saturation by 10% instead.

80.0769, 85.5043,
65.1068

80.0769, 85.5043,
65.1068

483.9245,
513.2953, 461.4924

60.0903, 64.2582,
47.0958

132.4238,
141.0775, 113.8181

43.7412, 46.8598,
32.7565

165.5148,
176.1734, 145.3555

30.6641, 32.9248,
21.6704

203.7047,
216.6547, 182.2388

20.4938, 22.0689,
13.4189

247.3588,
262.9057, 224.8865

12.8648, 13.9075,
7.5835

296.8425,
315.3109, 273.7172

7.4119, 8.0564,
3.7457

352.5211,

3.7696, 4.1310,

374.2546, 329.1494

1.4869

414.7600,
440.1213, 391.6016

■ 1.5726, 1.7471,
0.2081

■ 0.3745, 0.4539,
0.0000

■ 80.0769, 85.5043,
65.1068

■ 80.0769, 85.5043,
65.1068

■ 75.8259, 81.2123,
50.7098

■ 84.8593, 90.0975,
82.0267

■ 72.0757, 77.1998,
38.7068

■ 90.1886, 94.9901,
101.5788

■ 68.8026, 73.4595,
28.9658

■ 93.2280, 99.0511,
108.8129

■ 65.9783, 69.9793,
21.3396

■ 93.2345, 99.0641,
108.8150

■ 63.5711, 66.7457,
15.6638

■ 61.5446, 63.7434,
11.7494

■ 59.8554, 60.9541,
9.3697

■ 58.5880, 58.6511,
8.2329

Harmonies

Analogous

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



85.7929, 85.5043, 67.0878



80.0769, 85.5043, 65.1068



74.9243, 85.5043, 69.8841

Triad

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



80.0769, 85.5043, 65.1068



72.6973, 85.5043, 113.0409



91.7833, 85.5043, 106.4101

Complementary

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



80.0769, 85.5043, 65.1068



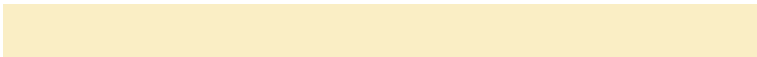
63.0814, 64.3718, 99.5431

Split Complementary

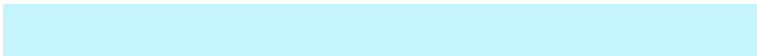
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9627, 85.5043, 120.9595



80.0769, 85.5043, 65.1068



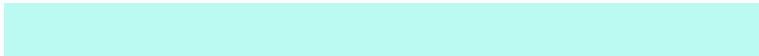
76.9075, 85.5043, 125.0917

Square

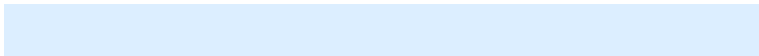
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0769, 85.5043, 65.1068



70.7947, 85.5043, 96.5737



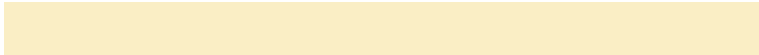
82.4734, 85.5043, 128.1474



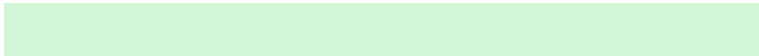
92.7292, 85.5043, 89.7099

Rectangle

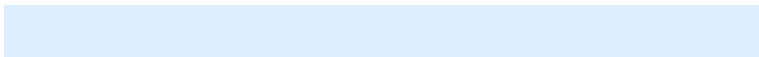
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0769, 85.5043, 65.1068



72.4436, 85.5043, 76.6319



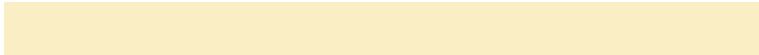
82.4734, 85.5043, 128.1474



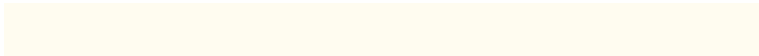
90.7841, 85.5043, 111.7722

Sweetspot

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



80.0791, 85.5081, 65.1086



91.5889, 96.8641, 96.0740



70.9455, 64.8792, 69.3446



19.5259, 20.6613, 20.2782



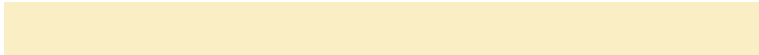
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.0791, 85.5081, 65.1086



82.0005, 87.6905, 62.0387



78.8121, 90.2130, 66.0835



18.3747, 19.4853, 18.2550



31.1900, 31.3367, 4.4047



2.9674, 3.0596, 0.4342

Inverse Universe

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



63.0814, 64.3718, 99.5431



61.5925, 62.3162, 103.3897



64.1247, 60.7044, 98.7802



16.6016, 17.2801, 21.8457



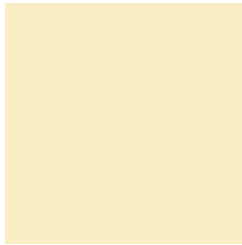
10.0060, 5.3675, 48.4822



1.0027, 0.6491, 4.5156

Previews

White Background



This preview shows how the XYZ color 80.0769, 85.5043, 65.1068 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 80.0769, 85.5043, 65.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

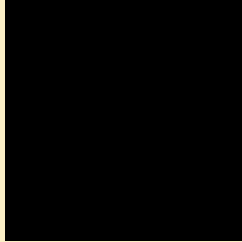
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

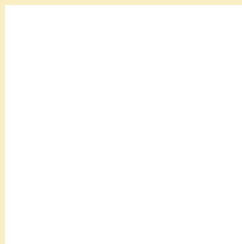
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0769, 85.5043, 65.1068

Background



This preview shows how black text looks on a background with the XYZ color 80.0769, 85.5043, 65.1068.



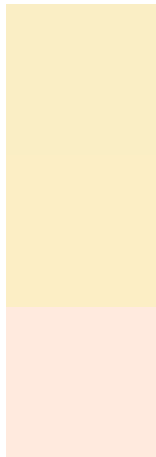
This preview shows how white text looks on a background with the XYZ color 80.0769, 85.5043,

65.1068.

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

80.0769, 85.5043, 65.1068

Protanopia

80.7975, 85.8757, 65.1405

Deuteranopia

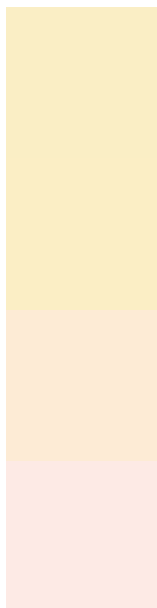
83.8476, 85.3796, 81.1679



Tritanopia

86.7592, 85.1891, 100.6774

Trichromacy



Original Color

80.0769, 85.5043, 65.1068

Protanomaly

80.4362, 85.6895, 65.1236

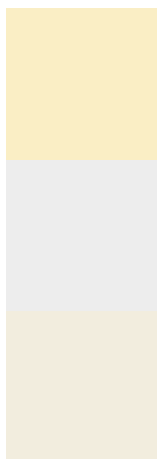
Deuteranomaly

82.2266, 85.1034, 75.0436

Tritanomaly

84.0737, 85.3854, 86.1786

Monochromacy



Original Color

80.0769, 85.5043, 65.1068

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.0870, 84.7195, 81.2387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0769, 85.5043, 65.1068 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(250, 238, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 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(250, 238, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 197) }
```

Border

The CSS property to change the border of an element to XYZ 80.0769, 85.5043, 65.1068 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(250, 238, 197) }
```


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

```
.border{ border-color:rgb(250, 238, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 238, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 238, 197); box-shadow:4px 4px 4px 4px rgb(250, 238, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0769, 85.5043, 65.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 197) }
```

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

```
.background{ background-color: rgb(250,  
238, 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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