

Converting Colors

XYZ(74.6138, 80.1469, 55.2465)

Have a look what the booklet for
XYZ(74.6138, 80.1469, 55.2465)
contains.

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Color

**XYZ(74.8533, 80.4619,
55.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8B5
RGB	245, 232, 181
RGB Percent	96%, 91%, 71%
CMY	0.0392, 0.0902, 0.2902
CMYK	0.00, 0.05, 0.26, 0.04
HSL	48°, 76%, 84%
HSV	48°, 26%, 96%
XYZ	74.8533, 80.4619, 55.3016
YIQ	230.0730, 24.1190, -13.1050

Conversions

Conversions Part 2

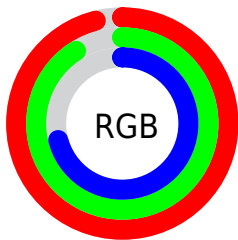
Format	Color
RYB	197, 245, 181
Decimal	16115893
CIELab	91.89, -3.31, 26.45
CIELCh	92, 26.655, 97.142
Yxy	80.4619, 0.3554, 0.3820
Android (android.graphics.Color)	4294305973 (0xFFFF5E8B5)
YUV	230.0730, -24.1930, 13.0910
Hunter-Lab	89.7006, -8.0213, 26.2373

Details

The XYZ color **74.8533, 80.4619, 55.3016** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.8290, 54.9985, 94.1125**, and the grayscale version is **75.4305, 79.3588, 86.4217**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **40.1607, 43.3005, 26.6632** is the 20% darker color. If you saturate the color by 10%, you get **71.1774, 76.7854, 42.7455**, and if you desaturate by 10%, it is **79.0151, 84.4018, 70.2025**.

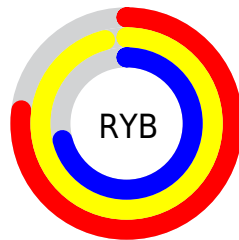
Distribution



Red (96%)

Green (91%)

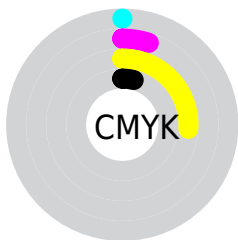
Blue (71%)



Red (77%)

Yellow (96%)

Blue (71%)

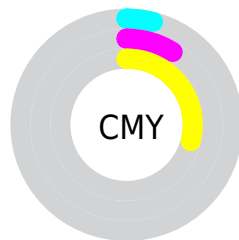


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (4%)



Cyan (4%)


Magenta (9%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8533, 80.4619, 55.3016 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 74.8533, 80.4619, 55.3016 by changing the saturation by 10% instead.


 74.8533, 80.4619,
55.3016

 74.8533, 80.4619,
55.3016


466.4181,
496.4881, 424.3683

 55.7865, 60.0985,
39.2430


 125.0937,
134.0149, 99.4583

 40.2681, 43.4981,
26.6395


156.9980,
167.9734, 128.3935

 27.9328, 30.2761,
17.0727

193.9121,
207.2323, 162.4579

 18.4152, 20.0482,
10.1238

236.2015,
252.1762, 202.0702

 11.3500, 12.4301,
5.3744

284.2314,
303.1893, 247.6488

 6.3718, 7.0373,
2.4060

338.3672,

 3.1152, 3.4854,

360.6560, 299.6124

0.7897

398.9744,
424.9608, 358.3793

■ 1.2150, 1.3901,
0.0000

■ 0.1182, 0.2094,
0.0000

■ 74.8533, 80.4619,
55.3016

■ 74.8533, 80.4619,
55.3016

■ 71.1774, 76.7854,
42.7455

■ 79.0151, 84.4018,
70.2025

■ 67.9578, 73.3515,
32.4070

■ 83.6783, 88.6034,
87.5564

■ 65.1708, 70.1530,
24.1548

■ 88.8655, 93.0790,
107.4705

■ 62.7883, 67.1782,
17.8414

■ 90.4866, 96.1932,
108.4057

■ 60.7781, 64.4136,
13.3000

■ 91.4663, 98.1525,
108.7323

■ 59.1030, 61.8439,
10.3355

■ 57.7166, 59.4498,
8.7058

■ 57.2287, 58.5574,
8.2864

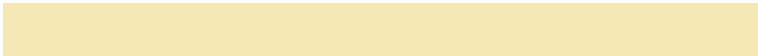
Harmonies

Analogous

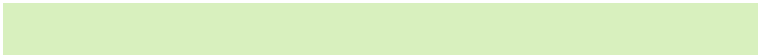
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6994, 80.4619, 57.2862



74.8533, 80.4619, 55.3016



68.8082, 80.4619, 60.8865

Triad

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



74.8533, 80.4619, 55.3016



66.4657, 80.4619, 112.3731



89.2454, 80.4619, 103.0682

Complementary

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



74.8533, 80.4619, 55.3016



54.8290, 54.9985, 94.1125

Split Complementary

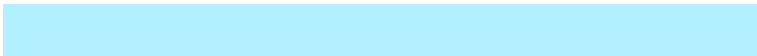
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6946, 80.4619, 121.1905



74.8533, 80.4619, 55.3016



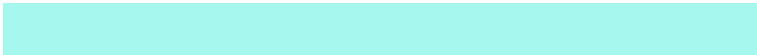
71.4813, 80.4619, 127.0970

Square

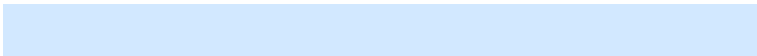
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8533, 80.4619, 55.3016



64.1564, 80.4619, 92.3756



78.1232, 80.4619, 130.5434



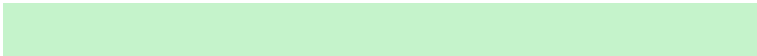
90.2810, 80.4619, 83.0099

Rectangle

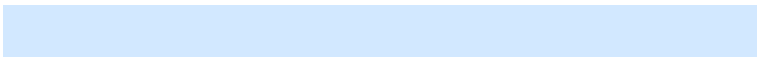
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8533, 80.4619, 55.3016



65.9535, 80.4619, 68.7233



78.1232, 80.4619, 130.5434



88.0634, 80.4619, 109.6726

Sweetspot

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



74.8554, 80.4655, 55.3033



90.6305, 96.1407, 92.0749



64.0161, 56.3953, 59.0631



19.2296, 20.4273, 19.0737



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

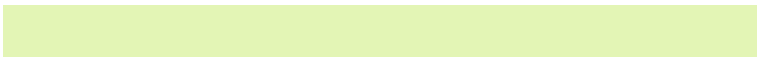
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8554, 80.4655, 55.3033



79.9233, 86.0962, 53.4542



72.6300, 84.9507, 56.2863



17.6122, 18.7086, 17.4804



30.9317, 31.7490, 4.4979



2.7892, 2.9316, 0.4188

Inverse Universe

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



54.8290, 54.9985, 94.1125



54.7929, 54.1437, 102.1706



56.5948, 51.8018, 93.4024



15.8537, 16.4716, 20.8863



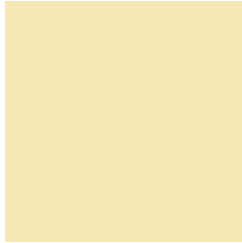
9.5655, 4.9248, 46.9844



0.9107, 0.5729, 4.1528

Previews

White Background



This preview shows how the XYZ color 74.8533, 80.4619, 55.3016 looks on a white background.

Color Contrast Check

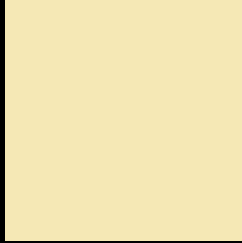
Large Text (above 18pt) WCAG AA × Fail

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 74.8533, 80.4619, 55.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

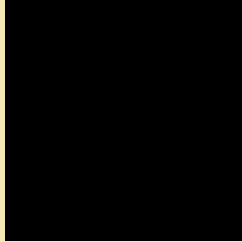
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8533, 80.4619, 55.3016

Background



This preview shows how black text looks on a background with the XYZ color 74.8533, 80.4619, 55.3016.

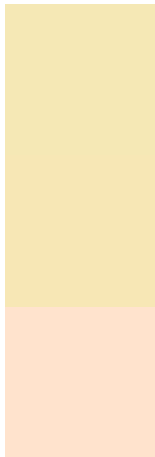


This preview shows how white text looks on a background with the XYZ color 74.8533, 80.4619,

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

74.8533, 80.4619, 55.3016

Protanopia

75.2742, 80.2622, 55.2408

Deuteranopia

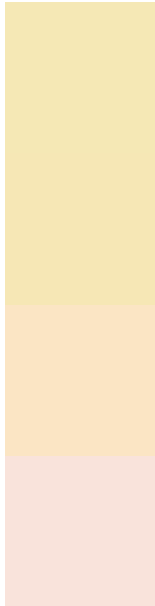
79.7285, 80.6059, 69.1140



Tritanopia

82.6777, 80.3576, 94.3721

Trichromacy



Original Color

74.8533, 80.4619, 55.3016

Protanomaly

74.9224, 80.0809, 55.2244

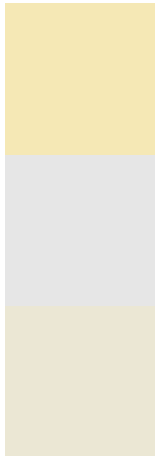
Deuteranomaly

77.7668, 80.5334, 63.6703

Tritanomaly

79.3222, 80.1924, 78.3158

Monochromacy



Original Color

74.8533, 80.4619, 55.3016

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.7205, 79.5675, 73.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8533, 80.4619, 55.3016 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(245, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 181)  
}
```

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(245, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.8533, 80.4619, 55.3016 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(245, 232, 181) }
```


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

```
.border{ border-color:rgb(245, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8533, 80.4619, 55.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 181) }
```

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

```
.background{ background-color: rgb(245,  
232, 181) }
```

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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