

Converting Colors

XYZ(75.3154, 80.3239, 56.3118)

Have a look what the booklet for
XYZ(75.3154, 80.3239, 56.3118)
contains.

XYZ(75.1292, 80.1636, 56.3131)	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(75.1292, 80.1636,
56.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E7B7
RGB	246, 231, 183
RGB Percent	96%, 91%, 72%
CMY	0.0353, 0.0941, 0.2823
CMYK	0.00, 0.06, 0.26, 0.04
HSL	46°, 78%, 84%
HSV	46°, 26%, 96%
XYZ	75.1292, 80.1636, 56.3131
YIQ	230.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

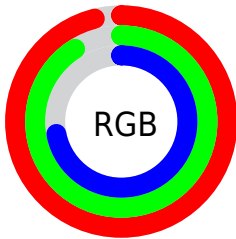
Format	Color
R _Y B	203, 246, 183
Decimal	16181175
CIE Lab	91.76, -2.17, 25.25
CIE LCh	92, 25.345, 94.916
Yxy	80.1636, 0.3550, 0.3788
Android (android.graphics.Color)	4294371255 (0xFFFF6E7B7)
YUV	230.0130, -23.1774, 14.0206
Hunter-Lab	89.5341, -6.9032, 25.3830

Details

The XYZ color **75.1292, 80.1636, 56.3131** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.3567, 57.1077, 95.2416**, and the grayscale version is **75.3787, 79.3043, 86.3623**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **40.5409, 43.4812, 27.3751** is the 20% darker color. If you saturate the color by 10%, you get **71.1785, 76.0077, 43.4489**, and if you desaturate by 10%, it is **79.5864, 84.6155, 71.5558**.

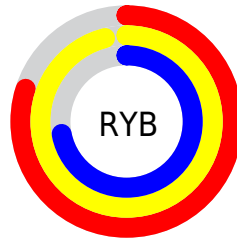
Distribution



Red (96%)

Green (91%)

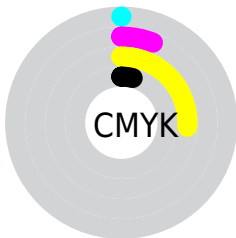
Blue (72%)



Red (80%)

Yellow (96%)

Blue (72%)

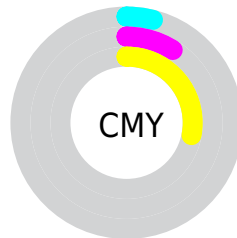


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (4%)



Cyan (4%)

Magenta (9%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1292, 80.1636, 56.3131 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 75.1292, 80.1636, 56.3131 by changing the saturation by 10% instead.

75.1292, 80.1636,
56.3131

75.1292, 80.1636,
56.3131

467.3519,
495.4840, 428.2918

56.0133, 59.8530,
40.0483

125.4822,
133.5957, 100.9526

40.4506, 43.3001,
27.2622

157.4499,
167.4860, 130.1644

28.0758, 30.1207,
17.5360

194.4324,
206.6717, 164.5289

18.5236, 19.9302,
10.4514

236.7948,
251.5371, 204.4647

11.4285, 12.3443,
5.5898

284.9026,
302.4666, 250.3904

6.4252, 6.9786,
2.5326

339.1212,

3.1484, 3.4487,

359.8447, 302.7244

0.8573

399.8158,
424.0557, 361.8854

■ 1.2327, 1.3703,
0.0000

■ 0.1320, 0.1946,
0.0000

■ 75.1292, 80.1636,
56.3131

■ 75.1292, 80.1636,
56.3131

■ 71.1785, 76.0077,
43.4489

■ 79.5864, 84.6155,
71.5558

■ 67.7043, 72.1264,
32.8353

■ 84.5661, 89.3621,
89.2860

■ 64.6828, 68.5122,
24.3401

■ 89.7995, 94.2995,
108.0764

■ 62.0852, 65.1528,
17.8151

■ 91.6334, 97.9673,
108.6877

■ 59.8794, 62.0343,
13.0930

■ 91.8162, 98.3329,
108.7487

■ 58.0276, 59.1408,
9.9785

■ 56.4835, 56.4528,
8.2301

■ 55.8722, 55.3250,
7.7340

Harmonies

Analogous

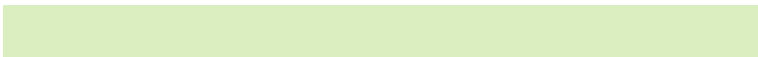
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6041, 80.1636, 58.7651



75.1292, 80.1636, 56.3131



69.2747, 80.1636, 61.1481

Triad

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



75.1292, 80.1636, 56.3131



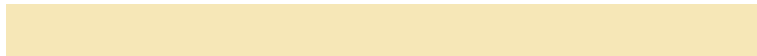
66.4164, 80.1636, 109.3683



88.0569, 80.1636, 103.3208

Complementary

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



75.1292, 80.1636, 56.3131



56.3567, 57.1077, 95.2416

Split Complementary

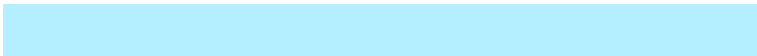
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5575, 80.1636, 119.9738



75.1292, 80.1636, 56.3131



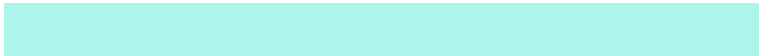
71.0268, 80.1636, 123.7981

Square

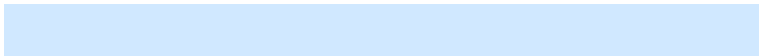
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1292, 80.1636, 56.3131



64.4297, 80.1636, 90.3817



77.2670, 80.1636, 127.9301



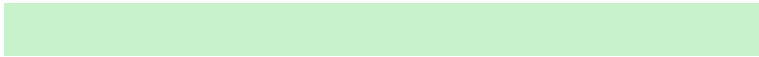
89.3077, 80.1636, 84.2590

Rectangle

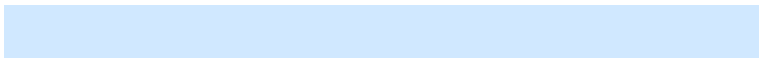
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1292, 80.1636, 56.3131



66.4355, 80.1636, 68.3209



77.2670, 80.1636, 127.9301



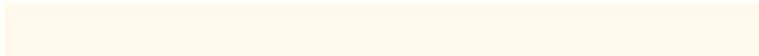
86.8622, 80.1636, 109.4678

Sweetspot

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



75.1313, 80.1672, 56.3148



90.4082, 95.6962, 92.0008



65.2200, 57.5727, 61.5569



19.1733, 20.3148, 19.0549



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

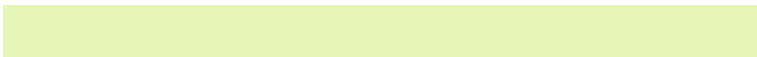
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1313, 80.1672, 56.3148



79.1204, 84.4904, 53.1865



74.2170, 86.1952, 57.5265



17.5609, 18.6059, 17.4633



29.9361, 29.7578, 4.1660



2.7096, 2.7724, 0.3923

Inverse Universe

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



56.3567, 57.1077, 95.2416



55.4056, 55.3690, 102.3748



57.0558, 52.6298, 94.3405



15.9013, 16.5669, 20.9022



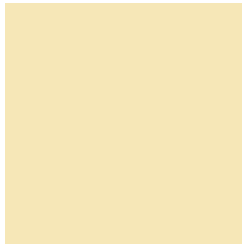
9.7910, 5.3757, 47.0596



0.9369, 0.6251, 4.1615

Previews

White Background



This preview shows how the XYZ color 75.1292, 80.1636, 56.3131 looks on a white background.

Color Contrast Check

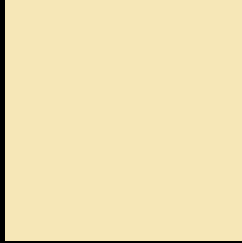
Large Text (above 18pt) WCAG AA × Fail

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 75.1292, 80.1636, 56.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

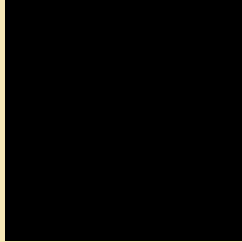
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1292, 80.1636, 56.3131

Background



This preview shows how black text looks on a background with the XYZ color 75.1292, 80.1636, 56.3131.

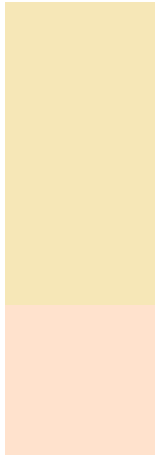


This preview shows how white text looks on a background with the XYZ color 75.1292, 80.1636,

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

75.1292, 80.1636, 56.3131

Protanopia

75.1292, 80.1636, 56.3131

Deuteranopia

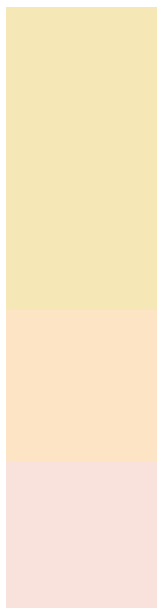
79.4558, 80.0605, 69.0231



Tritanopia

82.7729, 80.0089, 94.2997

Trichromacy



Original Color

75.1292, 80.1636, 56.3131

Protanomaly

75.1292, 80.1636, 56.3131

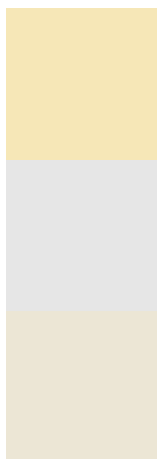
Deuteranomaly

77.9663, 80.2135, 64.1968

Tritanomaly

79.5390, 79.8840, 78.9371

Monochromacy



Original Color

75.1292, 80.1636, 56.3131

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8991, 79.2306, 74.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1292, 80.1636, 56.3131 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(246, 231, 183)` looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 183)  
}
```

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(246, 231, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 183) }
```

Border

The CSS property to change the border of an element to XYZ 75.1292, 80.1636, 56.3131 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(246, 231, 183) }
```


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

```
.border{ border-color:rgb(246, 231, 183) }
```

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

Here you see how a box with a 4 pixel rgb(246, 231, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1292, 80.1636, 56.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 183) }
```

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

```
.background{ background-color: rgb(246,  
231, 183) }
```

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