

Converting Colors

XYZ(85.7501, 78.7716, 46.3903)

Have a look what the booklet for
XYZ(85.7501, 78.7716, 46.3903)
contains.

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Color

**XYZ(71.8258, 71.5651,
45.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A5
RGB	255, 213, 165
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1647, 0.3529
CMYK	0.00, 0.16, 0.35, 0.00
HSL	32°, 100%, 82%
HSV	32°, 35%, 100%
XYZ	71.8258, 71.5651, 45.6251
YIQ	220.0860, 40.4400, -6.0240

Conversions

Conversions Part 2

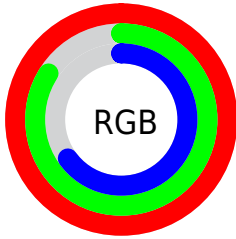
Format	Color
R _Y B	244, 255, 165
Decimal	16766373
CIE Lab	87.76, 8.19, 29.23
CIE LCh	88, 30.358, 74.350
Yxy	71.5651, 0.3800, 0.3786
Android (android.graphics.Color)	4294956453 (0xFFFFD5A5)
YUV	220.0860, -27.1574, 30.6196
Hunter-Lab	84.5962, 3.5109, 27.2405

Details

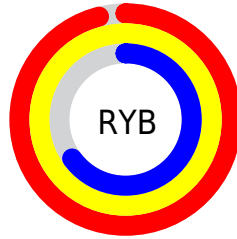
The XYZ color **71.8258, 71.5651, 45.6251** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.8792, 59.8430, 103.2134**, and the grayscale version is **68.2529, 71.8074, 78.1982**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **38.2335, 37.5163, 20.8490** is the 20% darker color. If you saturate the color by 10%, you get **66.8488, 64.9624, 33.6345**, and if you desaturate by 10%, it is **77.4887, 78.7987, 60.1289**.

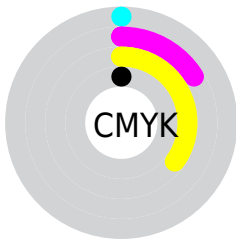
Distribution



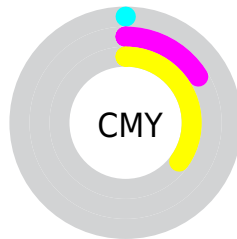
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (96%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8258, 71.5651, 45.6251 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 71.8258, 71.5651, 45.6251 by changing the saturation by 10% instead.

 71.8258, 71.5651,
45.6251


 71.8258, 71.5651,
45.6251

456.1021,
466.0265, 385.5331

 53.3013, 52.8035,
31.6036


 120.8210,
121.4380, 84.9860

 38.2718, 37.6459,
20.7966

 152.0224,
153.3181, 111.1625

 26.3719, 25.7080,
12.7856


188.1802,
190.3398, 142.2276

 17.2362, 16.6053,
7.1521

229.6597,
232.8875, 178.6000

 10.4994, 9.9535,
3.4775

276.8263,
281.3457, 220.6983

 5.7961, 5.3681,
1.3433

330.0453,

 2.7610, 2.4648,

336.0986, 268.9408

0.0969

389.6821,
397.5307, 323.7462

■ 1.0287, 0.8590,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8258, 71.5651,
45.6251

■ 71.8258, 71.5651,
45.6251

■ 66.8488, 64.9624,
33.6345

■ 77.4887, 78.7987,
60.1289

■ 62.5201, 58.9604,
24.0055

■ 83.8622, 86.6725,
77.2765

■ 58.8060, 53.5403,
16.5768

■ 90.9758, 95.2080,
97.1947

■ 55.6670, 48.6783,
11.1648

95.0500, 100.0000,
108.9000

■ 53.0575, 44.3479,
7.5554

■ 50.9223, 40.5184,
5.4848

■ 50.0464, 38.8727,
4.8655

Harmonies

Analogous

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



78.4139, 71.5651, 53.3508



71.8258, 71.5651, 45.6251



64.6448, 71.5651, 45.4624

Triad

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



71.8258, 71.5651, 45.6251



55.4643, 71.5651, 88.1738



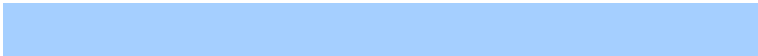
78.1700, 71.5651, 109.8706

Complementary

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



71.8258, 71.5651, 45.6251



55.8792, 59.8430, 103.2134

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.



71.5117, 71.5651, 123.0187



71.8258, 71.5651, 45.6251



58.5886, 71.5651, 109.0729

Square

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



71.8258, 71.5651, 45.6251



55.5353, 71.5651, 67.7036



64.3520, 71.5651, 122.7034



82.2493, 71.5651, 89.1206

Rectangle

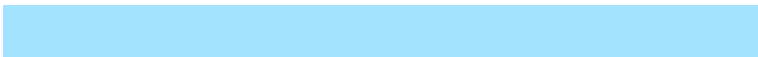
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8258, 71.5651, 45.6251



60.5002, 71.5651, 49.5451



64.3520, 71.5651, 122.7034



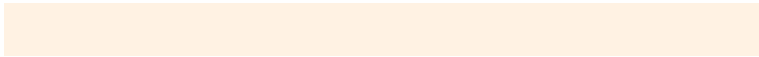
76.1394, 71.5651, 115.4765

Sweetspot

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



71.8276, 71.5684, 45.6266



86.8241, 90.2550, 85.4817



65.9581, 52.6760, 65.7232



18.3805, 19.0733, 17.7300



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.



71.8276, 71.5684, 45.6266



68.4151, 67.0703, 37.3155



82.6966, 94.9321, 49.5634



18.8117, 19.5916, 18.9344



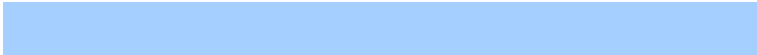
26.3013, 20.6139, 2.5926



2.6703, 2.2259, 0.2889

Inverse Universe

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



55.8792, 59.8430, 103.2134



50.4098, 53.8369, 102.3424



47.6543, 42.4560, 100.2909



17.7017, 18.7750, 22.9409



13.0237, 10.9571, 50.8631



1.3762, 1.2831, 4.9884

Previews

White Background



This preview shows how the XYZ color 71.8258, 71.5651, 45.6251 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 71.8258, 71.5651, 45.6251 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 71.8258, 71.5651, 45.6251

Background



This preview shows how black text looks on a background with the XYZ color 71.8258, 71.5651, 45.6251.



This preview shows how white text looks on a background with the XYZ color 71.8258, 71.5651,

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

71.8258, 71.5651, 45.6251

Protanopia

66.9220, 71.6757, 47.3534

Deuteranopia

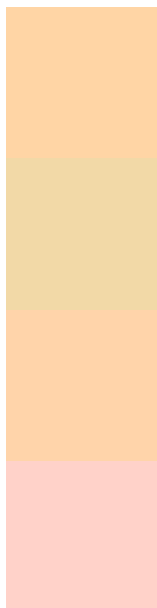
72.3263, 71.3641, 49.4978



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

71.8258, 71.5651, 45.6251

Protanomaly

68.4059, 71.2930, 46.7148

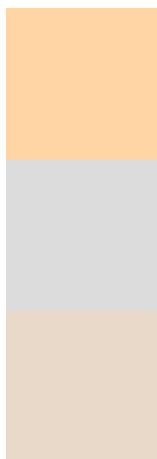
Deuteranomaly

72.0392, 71.2492, 47.9858

Tritanomaly

74.8292, 71.5702, 65.1289

Monochromacy



Original Color

71.8258, 71.5651, 45.6251

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8425, 71.1195, 64.7426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8258, 71.5651, 45.6251 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(255, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 165)  
}
```

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(255, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 165) }
```

Border

The CSS property to change the border of an element to XYZ 71.8258, 71.5651, 45.6251 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(255, 213, 165) }
```


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

```
.border{ border-color:rgb(255, 213, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8258, 71.5651, 45.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 165) }
```

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

```
.background{ background-color: rgb(255,  
213, 165) }
```

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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