

Converting Colors

XYZ(96.3806, 84.0350, 59.9680)

Have a look what the booklet for
XYZ(96.3806, 84.0350, 59.9680)
contains.

XYZ(74.3285, 72.5662, 58.8043)	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(74.3285, 72.5662,
58.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5BE
RGB	255, 213, 190
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1647, 0.2549
CMYK	0.00, 0.16, 0.25, 0.00
HSL	21°, 100%, 87%
HSV	21°, 25%, 100%
XYZ	74.3285, 72.5662, 58.8043
YIQ	222.9360, 32.4150, 1.7510

Conversions

Conversions Part 2

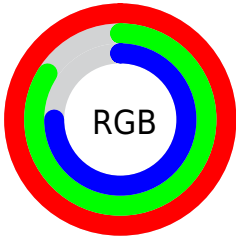
Format	Color
R_{YB}	255, 226, 190
Decimal	16766398
CIE _{Lab}	88.24, 11.34, 16.85
CIE _{LCh}	88, 20.314, 56.058
Yxy	72.5662, 0.3613, 0.3528
Android (android.graphics.Color)	4294956478 (0xFFFFD5BE)
YUV	222.9360, -16.2374, 28.1201
Hunter-Lab	85.1858, 6.6743, 18.7018

Details

The XYZ color **74.3285, 72.5662, 58.8043** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1409, 75.8779, 105.6622**, and the grayscale version is **70.1909, 73.8463, 80.4186**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.7682, 38.1302, 28.9308** is the 20% darker color. If you saturate the color by 10%, you get **67.8463, 63.6785, 44.0752**, and if you desaturate by 10%, it is **81.7230, 82.4974, 76.2448**.

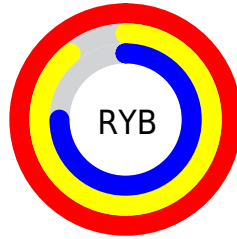
Distribution



Red (100%)

Green (84%)

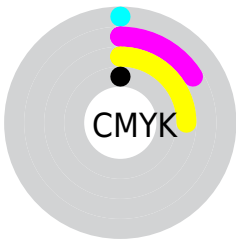
Blue (75%)



Red (100%)

Yellow (89%)

Blue (75%)

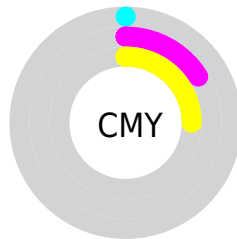


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3285, 72.5662, 58.8043 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 74.3285, 72.5662, 58.8043 by changing the saturation by 10% instead.


 74.3285, 72.5662,
58.8043

 74.3285, 72.5662,
58.8043


464.6392,
469.5099, 437.8580

 55.3552, 53.6213,
42.0366


 124.3544,
122.8612, 104.6195

 39.9211, 38.2990,
28.8042


156.1376,
154.9801, 134.5041

 27.6610, 26.2148,
18.6884


192.9216,
192.2591, 169.5981

 18.2094, 16.9844,
11.2708

235.0716,
235.0826, 210.3201

 11.2010, 10.2234,
6.1329

282.9530,
283.8351, 257.0885

 6.2705, 5.5473,
2.8559

336.9312,

 3.0525, 2.5718,

338.9009, 310.3219

1.0216

397.3714,
400.6644, 370.4389

■ 1.1816, 0.9125,
0.0000

■ 0.0917, 0.0000,
0.0000

■ 74.3285, 72.5662,
58.8043

■ 74.3285, 72.5662,
58.8043

■ 67.8463, 63.6785,
44.0752

■ 81.7230, 82.4974,
76.2448

■ 62.2330, 55.7895,
31.9151

■ 90.0598, 93.4958,
96.5202

■ 57.4497, 48.8650,
22.1752

95.0500, 100.0000,
108.9000

■ 53.4519, 42.8653,
14.6895

■ 50.1903, 37.7473,
9.2706

■ 47.6090, 33.4637,
5.7003

■ 45.6414, 29.9614,
3.7096

■ 44.9174, 28.6148,
3.1558

Harmonies

Analogous

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



77.7222, 72.5662, 67.8177



74.3285, 72.5662, 58.8043



69.6172, 72.5662, 55.1839

Triad

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



74.3285, 72.5662, 58.8043



60.0536, 72.5662, 77.1845



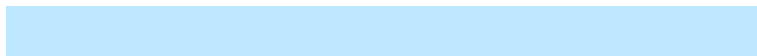
73.1637, 72.5662, 105.6081

Complementary

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



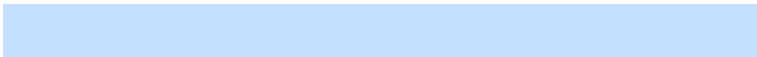
74.3285, 72.5662, 58.8043



68.1409, 75.8779, 105.6622

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.



68.3308, 72.5662, 108.8687



74.3285, 72.5662, 58.8043



60.9045, 72.5662, 91.3756

Square

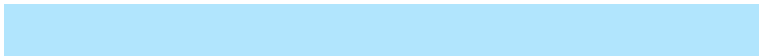
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3285, 72.5662, 58.8043



61.4984, 72.5662, 64.9767



63.8792, 72.5662, 103.3887



77.0278, 72.5662, 94.9360

Rectangle

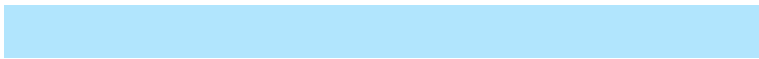
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3285, 72.5662, 58.8043



66.4165, 72.5662, 55.9605



63.8792, 72.5662, 103.3887



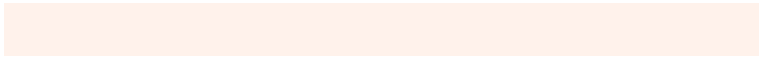
71.5922, 72.5662, 107.6573

Sweetspot

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



74.3303, 72.5695, 58.8058



87.8763, 90.6323, 91.1568



74.2549, 63.9281, 84.9564



18.5353, 19.0388, 18.8423



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.



74.3303, 72.5695, 58.8058



70.6473, 67.5441, 50.3622



83.2626, 90.4341, 61.7832



18.5353, 19.0388, 18.8423



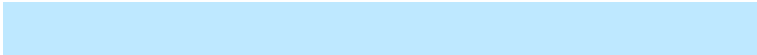
23.5971, 15.2055, 1.6912



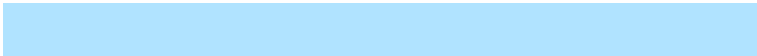
2.3959, 1.6772, 0.1975

Inverse Universe

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



68.1409, 75.8779, 105.6622



63.4183, 71.3945, 105.0458



59.8823, 59.3608, 102.9094



17.9822, 19.3361, 23.0344



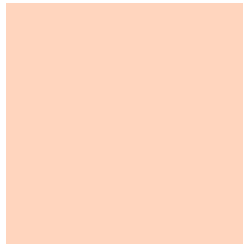
16.5843, 18.0782, 52.0499



1.7177, 1.9662, 5.1022

Previews

White Background



This preview shows how the XYZ color 74.3285, 72.5662, 58.8043 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 74.3285, 72.5662, 58.8043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

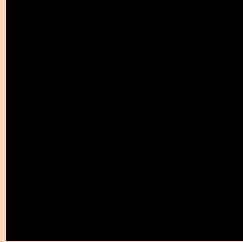
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3285, 72.5662, 58.8043

Background



This preview shows how black text looks on a background with the XYZ color 74.3285, 72.5662, 58.8043.



This preview shows how white text looks on a background with the XYZ color 74.3285, 72.5662,

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

74.3285, 72.5662, 58.8043

Protanopia

68.8728, 72.7637, 61.4538

Deuteranopia

73.9616, 72.3770, 58.7872



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

74.3285, 72.5662, 58.8043

Protanomaly

70.6322, 72.5183, 60.7268

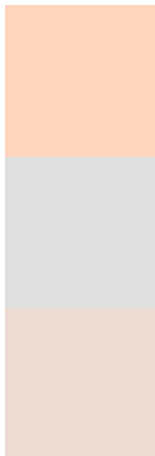
Deuteranomaly

73.9616, 72.3770, 58.7872

Tritanomaly

76.4179, 72.6020, 72.2733

Monochromacy



Original Color

74.3285, 72.5662, 58.8043

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3503, 73.0284, 71.9633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3285, 72.5662, 58.8043 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 190) }
```

Border

The CSS property to change the border of an element to XYZ 74.3285, 72.5662, 58.8043 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, 190) }
```


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

```
.border{ border-color:rgb(255, 213, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3285, 72.5662, 58.8043 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
213, 190) }
```

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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