

Converting Colors

XYZ(79.0750, 75.8547, 58.6245)

Have a look what the booklet for
XYZ(79.0750, 75.8547, 58.6245)
contains.

| | |
|--|----|
| XYZ(74.7257, 73.5350, 58.3993) | 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(74.7257, 73.5350,
58.3993)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFD7BD |
| RGB | 255, 215, 189 |
| RGB Percent | 100%, 84%, 74% |
| CMY | 0.0000, 0.1568, 0.2588 |
| CMYK | 0.00, 0.16, 0.26, 0.00 |
| HSL | 24°, 100%, 87% |
| HSV | 24°, 26%, 100% |
| XYZ | 74.7257, 73.5350, 58.3993 |
| YIQ | 223.9960, 32.1860, 0.3940 |

Conversions

Conversions Part 2

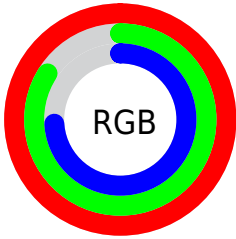
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 232, 189 |
| Decimal | 16766909 |
| CIE Lab | 88.70, 10.17, 18.02 |
| CIE LCh | 89, 20.696, 60.563 |
| Yxy | 73.5350, 0.3616, 0.3558 |
| Android (android.graphics.Color) | 4294956989 (0xFFFFD7BD) |
| YUV | 223.9960, -17.2530, 27.1905 |
| Hunter-Lab | 85.7526, 5.4799, 19.6490 |

Details

The XYZ color **74.7257, 73.5350, 58.3993** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0547, 74.0751, 105.3715**, and the grayscale version is **70.9536, 74.6487, 81.2924**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **40.0407, 38.7895, 28.6693** is the 20% darker color. If you saturate the color by 10%, you get **68.4470, 65.0246, 43.8299**, and if you desaturate by 10%, it is **81.8665, 82.9901, 75.6586**.

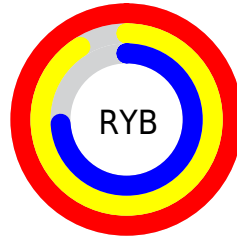
Distribution



Red (100%)

Green (84%)

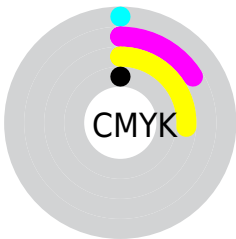
Blue (74%)



Red (100%)

Yellow (91%)

Blue (74%)

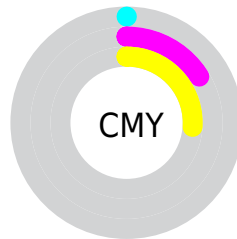


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7257, 73.5350, 58.3993 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 74.7257, 73.5350, 58.3993 by changing the saturation by 10% instead.


 74.7257, 73.5350,
58.3993

 74.7257, 73.5350,
58.3993

465.9860,
472.8669, 436.3119

 55.6816, 54.4135,
41.7129


 124.9140,
124.2364, 104.0246

 40.1837, 38.9324,
28.5527


156.7889,
156.5852, 133.8006

 27.8666, 26.7071,
18.5000


193.6714,
194.1118, 168.7770

 18.3651, 17.3534,
11.1364

235.9269,
237.2007, 209.3721

 11.3137, 10.4868,
6.0434

283.9208,
286.2363, 256.0046

 6.3471, 5.7229,
2.8022

338.0183,

 3.0999, 2.6773,

341.6029, 309.0931

0.9946

398.5849,
403.6850, 369.0560

■ 1.2068, 0.9657,
0.0000

■ 0.1117, 0.0000,
0.0000

■ 74.7257, 73.5350,
58.3993

■ 74.7257, 73.5350,
58.3993

■ 68.4470, 65.0246,
43.8299

■ 81.8665, 82.9901,
75.6586

■ 62.9891, 57.4182,
31.8083

■ 89.8972, 93.4090,
95.7310

■ 58.3154, 50.6866,
22.1860

95.0500, 100.0000,
108.9000

■ 54.3838, 44.7950,
14.7971

■ 51.1477, 39.7059,
9.4543

■ 48.5539, 35.3782,
5.9388

■ 46.5385, 31.7649,
3.9801

■ 45.8429, 30.4658,
3.4643

Harmonies

Analogous

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



78.5035, 73.5350, 66.8648



74.7257, 73.5350, 58.3993



69.7983, 73.5350, 55.5668

Triad

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



74.7257, 73.5350, 58.3993



60.7120, 73.5350, 80.3382



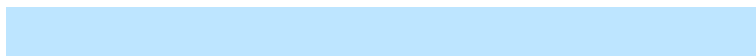
74.8971, 73.5350, 106.1968

Complementary

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



74.7257, 73.5350, 58.3993



67.0547, 74.0751, 105.3715

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.



69.9874, 73.5350, 110.8809



74.7257, 73.5350, 58.3993



61.9359, 73.5350, 94.9020

Square

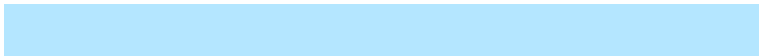
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7257, 73.5350, 58.3993



61.8488, 73.5350, 67.2816



65.2729, 73.5350, 106.5240



78.6057, 73.5350, 94.3777

Rectangle

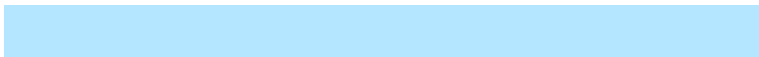
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7257, 73.5350, 58.3993



66.5696, 73.5350, 56.9525



65.2729, 73.5350, 106.5240



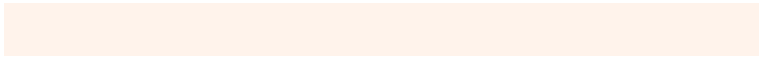
73.3248, 73.5350, 108.7169

Sweetspot

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



74.7276, 73.5383, 58.4008



88.1200, 91.1198, 91.2381



73.6789, 63.3523, 82.9876



18.5965, 19.1612, 18.8627



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.



74.7276, 73.5383, 58.4008



71.4079, 69.0654, 50.6157



83.7781, 91.6395, 61.4177



18.5965, 19.1612, 18.8627



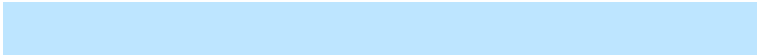
24.0891, 16.1895, 1.8552



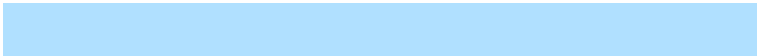
2.4483, 1.7820, 0.2149

Inverse Universe

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



67.0547, 74.0751, 105.3715



62.5593, 69.6764, 104.7594



58.9352, 57.8361, 102.6650



17.9190, 19.2096, 23.0133



15.6646, 16.2389, 51.7434



1.6318, 1.7943, 5.0736

Previews

White Background



This preview shows how the XYZ color 74.7257, 73.5350, 58.3993 looks on a white background.

Color Contrast Check

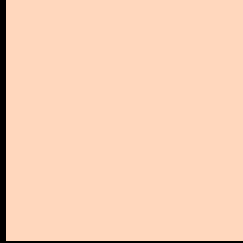
Large Text (above 18pt) WCAG AA × Fail

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 74.7257, 73.5350, 58.3993 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 74.7257, 73.5350, 58.3993

Background



This preview shows how black text looks on a background with the XYZ color 74.7257, 73.5350, 58.3993.



This preview shows how white text looks on a background with the XYZ color 74.7257, 73.5350,

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

74.7257, 73.5350, 58.3993

Protanopia

69.6786, 73.5852, 60.9830

Deuteranopia

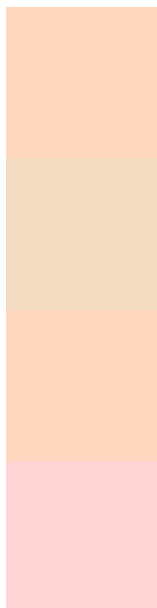
74.9444, 73.6225, 59.5508



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

74.7257, 73.5350, 58.3993

Protanomaly

71.4639, 73.3461, 60.2598

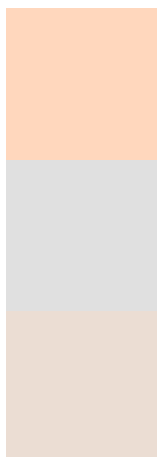
Deuteranomaly

74.8347, 73.5786, 58.9731

Tritanomaly

76.7937, 73.1511, 73.0229

Monochromacy



Original Color

74.7257, 73.5350, 58.3993

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8753, 74.0782, 72.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7257, 73.5350, 58.3993 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, 215, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 189)  
}
```

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, 215, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.7257, 73.5350, 58.3993 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, 215, 189) }
```


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

```
.border{ border-color:rgb(255, 215, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7257, 73.5350, 58.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 189) }
```

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

```
.background{ background-color: rgb(255,  
215, 189) }
```

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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