

Converting Colors

XYZ(85.9995, 75.7315, 62.3781)

Have a look what the booklet for
XYZ(85.9995, 75.7315, 62.3781)
contains.

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Color

**XYZ(73.0351, 68.9082,
61.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC4
RGB	255, 205, 196
RGB Percent	100%, 80%, 77%
CMY	0.0000, 0.1961, 0.2314
CMYK	0.00, 0.20, 0.23, 0.00
HSL	9°, 100%, 88%
HSV	9°, 23%, 100%
XYZ	73.0351, 68.9082, 61.6758
YIQ	218.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

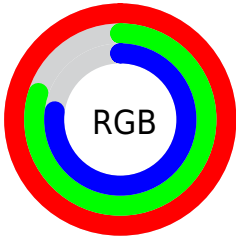
Format	Color
R _Y B	255, 207, 196
Decimal	16764356
CIE Lab	86.46, 16.34, 11.17
CIE LCh	86, 19.790, 34.368
Yxy	68.9082, 0.3587, 0.3384
Android (android.graphics.Color)	4294954436 (0xFFFFCDC4)
YUV	218.9240, -11.3015, 31.6387
Hunter-Lab	83.0110, 11.7795, 14.0562

Details

The XYZ color **73.0351, 68.9082, 61.6758** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7696, 84.8645, 107.1002**, and the grayscale version is **67.3408, 70.8478, 77.1532**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **38.9751, 35.9565, 30.4773** is the 20% darker color. If you saturate the color by 10%, you get **65.5590, 58.2129, 46.0603**, and if you desaturate by 10%, it is **81.7218, 81.2347, 80.1301**.

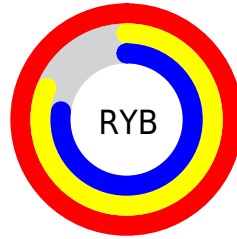
Distribution



Red (100%)

Green (80%)

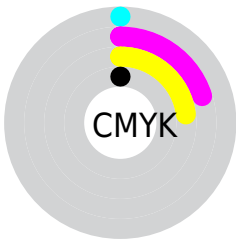
Blue (77%)



Red (100%)

Yellow (81%)

Blue (77%)

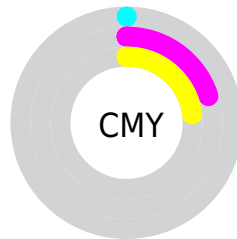


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0351, 68.9082, 61.6758 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 73.0351, 68.9082, 61.6758 by changing the saturation by 10% instead.


 73.0351, 68.9082,
61.6758

 73.0351, 68.9082,
61.6758

460.2384,
456.7071, 448.7225

 54.2931, 50.6370,
44.3367


122.5299,
117.6504, 108.8239

 39.0677, 35.9198,
30.5962

154.0135,
148.8902, 139.4699

 26.9933, 24.3722,
20.0356


190.4749,
185.2217, 175.3887

 17.7048, 15.6100,
12.2366

232.2797,
227.0291, 216.9988

 10.8366, 9.2486,
6.7805

279.7930,
274.6970, 264.7186

 6.0236, 4.9037,
3.2489

333.3803,

 2.9002, 2.1909,

328.6097, 318.9669

1.2231

393.4070,
389.1516, 380.1620

■ 1.1012, 0.7150,
0.0000

■ 0.0261, 0.0000,
0.0000

■ 73.0351, 68.9082,
61.6758

■ 73.0351, 68.9082,
61.6758

■ 65.5590, 58.2129,
46.0603

■ 81.7218, 81.2347,
80.1301

■ 59.2344, 49.0713,
33.1384

■ 91.6645, 95.2471,
101.5502

■ 54.0048, 41.4135,
22.7584

95.0500, 100.0000,
108.9000

■ 49.8068, 35.1608,
14.7516

■ 46.5704, 30.2267,
8.9292

■ 44.2165, 26.5154,
5.0732

■ 42.6527, 23.9172,
2.9196

■ 41.9629, 22.7058,
2.1710

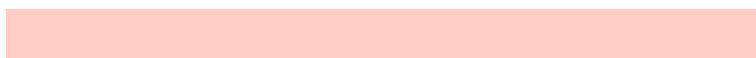
Harmonies

Analogous

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



74.6726, 68.9082, 73.1252



73.0351, 68.9082, 61.6758



69.3784, 68.9082, 54.5135

Triad

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



73.0351, 68.9082, 61.6758



57.8732, 68.9082, 64.6410



66.1680, 68.9082, 103.0856

Complementary

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



73.0351, 68.9082, 61.6758



73.7696, 84.8645, 107.1002

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.



61.7596, 68.9082, 100.1378



73.0351, 68.9082, 61.6758



57.1023, 68.9082, 76.9662

Square

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



73.0351, 68.9082, 61.6758



60.6495, 68.9082, 56.0804



58.4929, 68.9082, 90.1833



70.5923, 68.9082, 97.8278

Rectangle

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



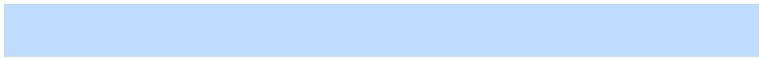
73.0351, 68.9082, 61.6758



66.3631, 68.9082, 52.6284



58.4929, 68.9082, 90.1833



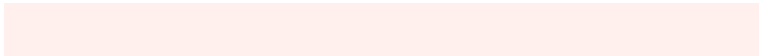
64.6349, 68.9082, 103.0257

Sweetspot

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



73.0368, 68.9113, 61.6772



87.6711, 89.6295, 92.9152



77.6379, 67.4036, 96.2280



18.6354, 19.0015, 19.6077



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.



73.0368, 68.9113, 61.6772



69.2526, 63.5094, 53.7364



80.7267, 84.2910, 64.2405



18.2331, 18.4344, 18.7415



21.9928, 11.9969, 1.1565



2.2037, 1.2928, 0.1334

Inverse Universe

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



73.7696, 84.8645, 107.1002



70.1029, 82.1240, 106.7644



65.5383, 68.4019, 104.3564



18.3048, 19.9812, 23.1419



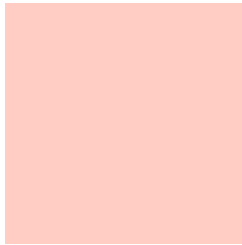
22.3624, 29.6343, 53.9760



2.2384, 3.0075, 5.2758

Previews

White Background



This preview shows how the XYZ color 73.0351, 68.9082, 61.6758 looks on a white background.

Color Contrast Check

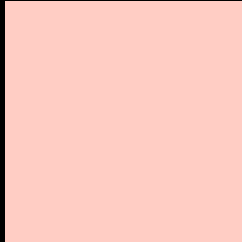
Large Text (above 18pt) WCAG AA × Fail

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 73.0351, 68.9082, 61.6758 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 73.0351, 68.9082, 61.6758

Background



This preview shows how black text looks on a background with the XYZ color 73.0351, 68.9082, 61.6758.



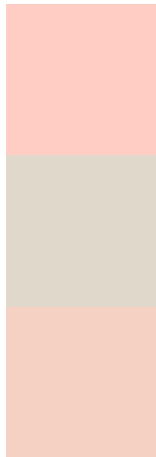
This preview shows how white text looks on a background with the XYZ color 73.0351, 68.9082,

61.6758.

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

73.0351, 68.9082, 61.6758

Protanopia

65.9570, 69.2233, 65.7622

Deuteranopia

70.3070, 68.9535, 61.2335



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

73.0351, 68.9082, 61.6758

Protanomaly

68.2298, 68.9193, 64.3502

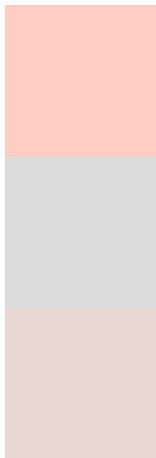
Deuteranomaly

71.4731, 69.1916, 61.2180

Tritanomaly

74.3415, 69.0492, 69.7312

Monochromacy



Original Color

73.0351, 68.9082, 61.6758

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0832, 69.9521, 71.4890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0351, 68.9082, 61.6758 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, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 196)  
}
```

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, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 196) }
```

Border

The CSS property to change the border of an element to XYZ 73.0351, 68.9082, 61.6758 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, 205, 196) }
```


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

```
.border{ border-color:rgb(255, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0351, 68.9082, 61.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 196) }
```

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

```
.background{ background-color: rgb(255,  
205, 196) }
```

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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