

Converting Colors

XYZ(135.8008, 101.0215,
56.3232)

Have a look what the booklet for
XYZ(135.8008, 101.0215, 56.3232)
contains.

XYZ(71.1734, 67.7819, 53.0480)	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(71.1734, 67.7819,
53.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCB5
RGB	255, 204, 181
RGB Percent	100%, 80%, 71%
CMY	0.0000, 0.2000, 0.2902
CMYK	0.00, 0.20, 0.29, 0.00
HSL	19°, 100%, 85%
HSV	19°, 29%, 100%
XYZ	71.1734, 67.7819, 53.0480
YIQ	216.6270, 37.7790, 3.6590

Conversions

Conversions Part 2

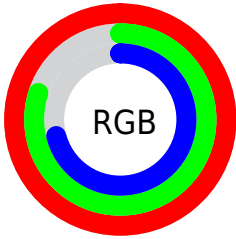
Format	Color
R _Y B	255, 214, 181
Decimal	16764085
CIE Lab	85.90, 14.83, 18.31
CIE LCh	86, 23.563, 50.996
Yxy	67.7819, 0.3707, 0.3530
Android (android.graphics.Color)	4294954165 (0xFFFFCCB5)
YUV	216.6270, -17.5641, 33.6531
Hunter-Lab	82.3298, 10.2347, 19.4282

Details

The XYZ color **71.1734, 67.7819, 53.0480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9617, 74.7545, 105.5603**, and the grayscale version is **65.7977, 69.2243, 75.3852**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **37.8286, 35.2415, 25.2306** is the 20% darker color. If you saturate the color by 10%, you get **64.8490, 58.9443, 39.1911**, and if you desaturate by 10%, it is **78.4512, 77.7597, 69.5868**.

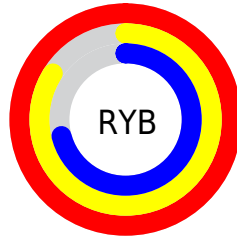
Distribution



Red (100%)

Green (80%)

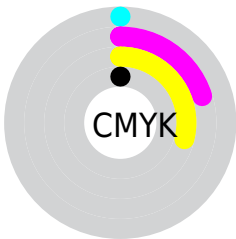
Blue (71%)



Red (100%)

Yellow (84%)

Blue (71%)

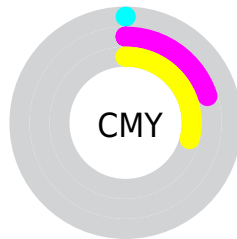


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1734, 67.7819, 53.0480 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 71.1734, 67.7819, 53.0480 by changing the saturation by 10% instead.


 71.1734, 67.7819,
53.0480

 71.1734, 67.7819,
53.0480


453.8618,
452.7229, 415.5408

 52.7668, 49.7203,
37.4531

 119.8978,
116.0401, 96.1173

 37.8433, 35.1912,
25.2600


150.9462,
147.0055, 124.4287

 26.0378, 23.8102,
16.0501


186.9393,
183.0409, 157.8161

 16.9847, 15.1929,
9.4048

228.2424,
224.5308, 196.6979

 10.3188, 8.9549,
4.9058

275.2208,
271.8596, 241.4928

 5.6748, 4.7118,
2.1343

328.2399,

 2.6871, 2.0792,

325.4116, 292.6192

0.6361

387.6652,
385.5712, 350.4956

■ 0.9905, 0.6529,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1734, 67.7819,
53.0480

■ 71.1734, 67.7819,
53.0480

■ 64.8490, 58.9443,
39.1911

■ 78.4512, 77.7597,
69.5868

■ 59.4315, 51.1960,
27.8691

■ 86.7165, 88.9079,
88.9356

■ 54.8774, 44.4959,
18.9269

95.0500, 100.0000,
108.9000

■ 51.1372, 38.7963,
12.1906

■ 48.1561, 34.0456,
7.4623

■ 45.8709, 30.1864,
4.5076

■ 44.1960, 27.1501,
2.9829

■ 44.0558, 26.8916,
2.8686

Harmonies

Analogous

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



74.5981, 67.7819, 63.6660



71.1734, 67.7819, 53.0480



66.0611, 67.7819, 48.1869

Triad

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



71.1734, 67.7819, 53.0480



54.7166, 67.7819, 69.2524



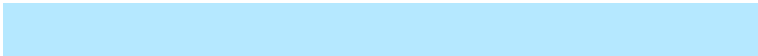
68.2117, 67.7819, 105.1434

Complementary

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



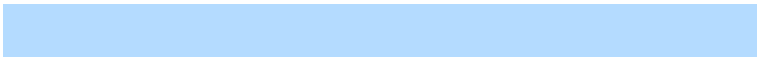
71.1734, 67.7819, 53.0480



65.9617, 74.7545, 105.5603

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.



62.8155, 67.7819, 107.1896



71.1734, 67.7819, 53.0480



55.2210, 67.7819, 84.9625

Square

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



71.1734, 67.7819, 53.0480



56.6982, 67.7819, 56.6465



58.1166, 67.7819, 99.3683



72.8229, 67.7819, 94.1147

Rectangle

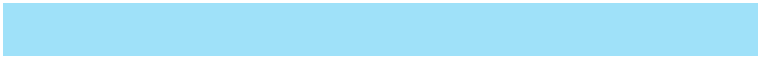
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1734, 67.7819, 53.0480



62.4671, 67.7819, 48.3220



58.1166, 67.7819, 99.3683



66.4227, 67.7819, 106.9598

Sweetspot

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



71.1750, 67.7850, 53.0494



86.7332, 88.9303, 88.9751



72.4437, 60.1802, 84.7392



18.2935, 18.6716, 18.4032



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.



71.1750, 67.7850, 53.0494



67.2798, 62.3636, 44.4476



80.7997, 87.0344, 56.2576



18.4700, 18.9082, 18.8205



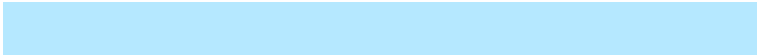
23.1363, 14.2838, 1.5376



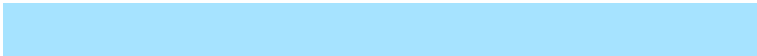
2.3451, 1.5756, 0.1805

Inverse Universe

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



65.9617, 74.7545, 105.5603



61.2621, 70.3772, 104.9630



56.8015, 56.4342, 102.5069



18.0505, 19.4726, 23.0572



17.6549, 20.2193, 52.4068



1.8164, 2.1636, 5.1351

Previews

White Background



This preview shows how the XYZ color 71.1734, 67.7819, 53.0480 looks on a white background.

Color Contrast Check

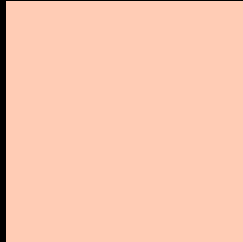
Large Text (above 18pt) WCAG AA × Fail

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 71.1734, 67.7819, 53.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

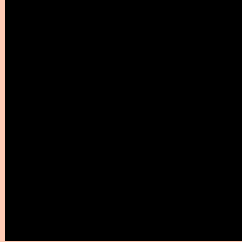
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1734, 67.7819, 53.0480

Background



This preview shows how black text looks on a background with the XYZ color 71.1734, 67.7819, 53.0480.



This preview shows how white text looks on a background with the XYZ color 71.1734, 67.7819,

53.0480.

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

71.1734, 67.7819, 53.0480

Protanopia

64.2735, 67.8071, 56.1549

Deuteranopia

69.2624, 67.8774, 52.6311



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

71.1734, 67.7819, 53.0480

Protanomaly

66.6234, 67.5584, 54.8760

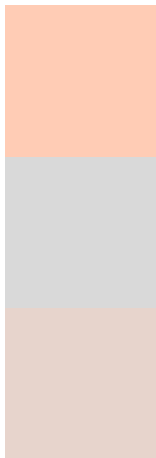
Deuteranomaly

70.0932, 67.9471, 52.6008

Tritanomaly

73.1400, 67.8129, 65.7342

Monochromacy



Original Color

71.1734, 67.7819, 53.0480

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.3976, 68.4355, 66.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1734, 67.7819, 53.0480 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, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 181)  
}
```

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, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 181) }
```

Border

The CSS property to change the border of an element to XYZ 71.1734, 67.7819, 53.0480 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, 204, 181) }
```


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

```
.border{ border-color:rgb(255, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1734, 67.7819, 53.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 181) }
```

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

```
.background{ background-color: rgb(255,  
204, 181) }
```

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