

Converting Colors

XYZ(71.7252, 68.8788, 53.2546)

Have a look what the booklet for
XYZ(71.7252, 68.8788, 53.2546)
contains.

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Color

**XYZ(71.6518, 68.7388,
53.2075)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB5
RGB	255, 206, 181
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1921, 0.2902
CMYK	0.00, 0.19, 0.29, 0.00
HSL	20°, 100%, 85%
HSV	20°, 29%, 100%
XYZ	71.6518, 68.7388, 53.2075
YIQ	217.8010, 37.2290, 2.6130

Conversions

Conversions Part 2

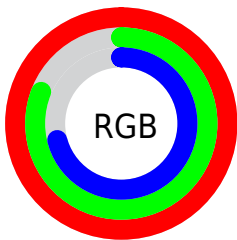
Format	Color
R_{YB}	255, 219, 181
Decimal	16764597
CIE _{Lab}	86.37, 13.79, 18.98
CIE _{LCh}	86, 23.456, 53.998
Yxy	68.7388, 0.3701, 0.3551
Android (android.graphics.Color)	4294954677 (0xFFFFCEB5)
YUV	217.8010, -18.1429, 32.6235
Hunter-Lab	82.9089, 9.1734, 19.9863

Details

The XYZ color **71.6518, 68.7388, 53.2075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4019, 73.6350, 105.3737**, and the grayscale version is **66.6080, 70.0768, 76.3136**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **38.1505, 35.8853, 25.3379** is the 20% darker color. If you saturate the color by 10%, you get **65.4227, 60.0916, 39.3824**, and if you desaturate by 10%, it is **78.7998, 78.4571, 69.7031**.

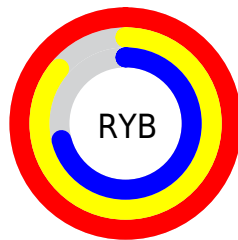
Distribution



Red (100%)

Green (81%)

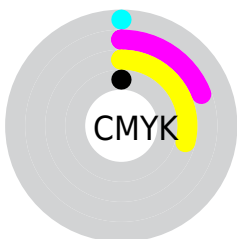
Blue (71%)



Red (100%)

Yellow (86%)

Blue (71%)

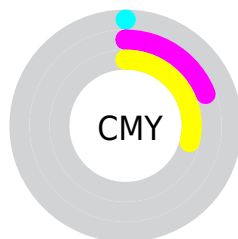


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6518, 68.7388, 53.2075 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 71.6518, 68.7388, 53.2075 by changing the saturation by 10% instead.


 71.6518, 68.7388,
53.2075

 71.6518, 68.7388,
53.2075

455.5052,
456.1092, 416.1696

 53.1587, 50.4990,
37.5796


 120.5748,
117.4084, 96.3543

 38.1575, 35.8101,
25.3573


151.7355,
148.6071, 124.7102

 26.2827, 24.2875,
16.1220


187.8494,
184.8941, 158.1459

 17.1690, 15.5471,
9.4552

229.2820,
226.6539, 197.0799

 10.4511, 9.2042,
4.9384

276.3984,
274.2710, 241.9307

 5.7636, 4.8746,
2.1531

329.5642,

 2.7412, 2.1739,

328.1296, 293.1169

0.6471

389.1447,
388.6142, 351.0570

■ 1.0184, 0.7057,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6518, 68.7388,
53.2075

■ 71.6518, 68.7388,
53.2075

■ 65.4227, 60.0916,
39.3824

■ 78.7998, 78.4571,
69.7031

■ 60.0676, 52.4681,
28.0811

■ 86.8990, 89.2729,
88.9965

■ 55.5450, 45.8312,
19.1495

95.0500, 100.0000,
108.9000

■ 51.8078, 40.1375,
12.4142

■ 48.8035, 35.3402,
7.6781

■ 46.4713, 31.3873,
4.7078

■ 44.7289, 28.2159,
3.1606

■ 44.5811, 27.9422,
3.0437

Harmonies

Analogous

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



75.3221, 68.7388, 63.3532



71.6518, 68.7388, 53.2075



66.4296, 68.7388, 48.9188

Triad

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



71.6518, 68.7388, 53.2075



55.5106, 68.7388, 71.7682



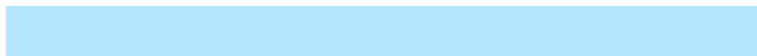
69.6639, 68.7388, 105.5476

Complementary

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



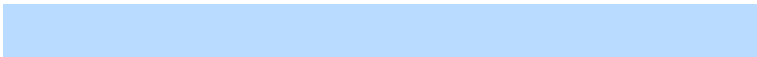
71.6518, 68.7388, 53.2075



65.4019, 73.6350, 105.3737

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.



64.2509, 68.7388, 108.6149



71.6518, 68.7388, 53.2075



56.2707, 68.7388, 87.6484

Square

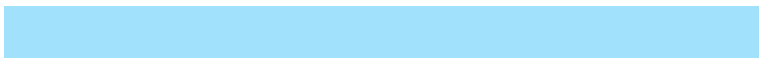
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6518, 68.7388, 53.2075



57.2626, 68.7388, 58.6398



59.3993, 68.7388, 101.6727



74.1307, 68.7388, 93.7901

Rectangle

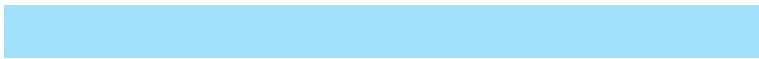
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6518, 68.7388, 53.2075



62.8462, 68.7388, 49.4651



59.3993, 68.7388, 101.6727



67.8870, 68.7388, 107.6913

Sweetspot

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



71.6535, 68.7419, 53.2089



86.9153, 89.2945, 89.0358



72.0941, 60.0404, 82.8981



18.3382, 18.7609, 18.4180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

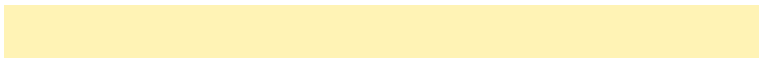
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6535, 68.7419, 53.2089



67.8193, 63.4425, 44.6274



81.5317, 88.4983, 56.5016



18.5110, 18.9901, 18.8342



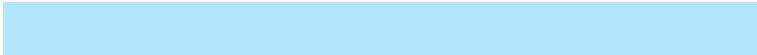
23.4176, 14.8465, 1.6314



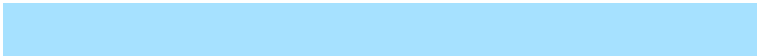
2.3764, 1.6381, 0.1909

Inverse Universe

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



65.4019, 73.6350, 105.3737



60.6059, 69.0648, 104.7443



56.2505, 55.3320, 102.3232



18.0076, 19.3868, 23.0429



16.9725, 18.8546, 52.1793



1.7537, 2.0381, 5.1142

Previews

White Background



This preview shows how the XYZ color 71.6518, 68.7388, 53.2075 looks on a white background.

Color Contrast Check

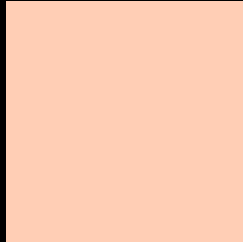
Large Text (above 18pt) WCAG AA × Fail

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 71.6518, 68.7388, 53.2075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

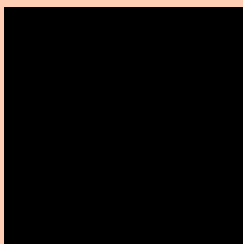
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6518, 68.7388, 53.2075

Background



This preview shows how black text looks on a background with the XYZ color 71.6518, 68.7388, 53.2075.



This preview shows how white text looks on a background with the XYZ color 71.6518, 68.7388,

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

71.6518, 68.7388, 53.2075

Protanopia

65.0973, 68.9878, 56.3394

Deuteranopia

70.3207, 68.7719, 53.2841



Tritanopia

74.9906, 68.9297, 74.3181

Trichromacy



Original Color

71.6518, 68.7388, 53.2075

Protanomaly

67.1203, 68.5522, 55.0417

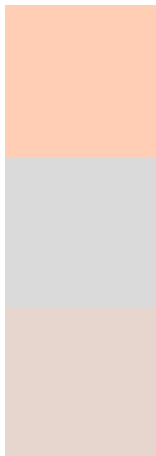
Deuteranomaly

70.7982, 68.6573, 53.2368

Tritanomaly

73.6124, 68.7575, 65.8917

Monochromacy



Original Color

71.6518, 68.7388, 53.2075

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0210, 69.4898, 67.5854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6518, 68.7388, 53.2075 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, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 181) }
```

Border

The CSS property to change the border of an element to XYZ 71.6518, 68.7388, 53.2075 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, 206, 181) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6518, 68.7388, 53.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 181) }
```

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

```
.background{ background-color: rgb(255,  
206, 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](#).

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