

Converting Colors

XYZ(71.8707, 69.1757, 53.2837)

Have a look what the booklet for
XYZ(71.8707, 69.1757, 53.2837)
contains.

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Color

**XYZ(71.8933, 69.2218,
53.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB5
RGB	255, 207, 181
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1882, 0.2902
CMYK	0.00, 0.19, 0.29, 0.00
HSL	21°, 100%, 85%
HSV	21°, 29%, 100%
XYZ	71.8933, 69.2218, 53.2880
YIQ	218.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

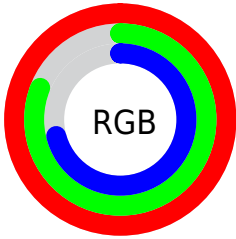
Format	Color
R _Y B	255, 221, 181
Decimal	16764853
CIE Lab	86.61, 13.27, 19.31
CIE LCh	87, 23.428, 55.507
Yxy	69.2218, 0.3698, 0.3561
Android (android.graphics.Color)	4294954933 (0xFFFFCFB5)
YUV	218.3880, -18.4323, 32.1087
Hunter-Lab	83.1996, 8.6435, 20.2655

Details

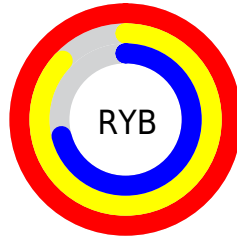
The XYZ color **71.8933, 69.2218, 53.2880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1245, 73.0800, 105.2812**, and the grayscale version is **67.0152, 70.5053, 76.7802**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **38.3135, 36.2113, 25.3922** is the 20% darker color. If you saturate the color by 10%, you get **65.7135, 60.6732, 39.4793**, and if you desaturate by 10%, it is **78.9752, 78.8077, 69.7615**.

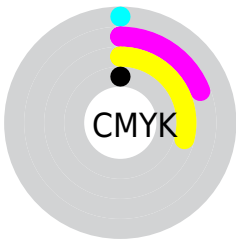
Distribution



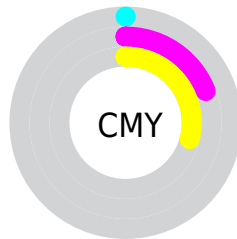
- Red (100%)
- Green (81%)
- Blue (71%)



- Red (100%)
- Yellow (87%)
- 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 71.8933, 69.2218, 53.2880 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 71.8933, 69.2218, 53.2880 by changing the saturation by 10% instead.


 71.8933, 69.2218,
53.2880

 71.8933, 69.2218,
53.2880

456.3335,
457.8129, 416.4867

 53.3567, 50.8924,
37.6434


 120.9164,
118.0983, 96.4739

 38.3162, 36.1230,
25.4064


152.1337,
149.4142, 124.8522

 26.4065, 24.5292,
16.1583


188.3085,
185.8277, 158.3123

 17.2623, 15.7266,
9.4807

229.8062,
227.7231, 197.2726

 10.5181, 9.3309,
4.9549

276.9922,
275.4850, 242.1516

 5.8087, 4.9576,
2.1626

330.2319,

 2.7687, 2.2224,

329.4976, 293.3679

0.6526

389.8905,
390.1455, 351.3401

■ 1.0326, 0.7322,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8933, 69.2218,
53.2880

■ 71.8933, 69.2218,
53.2880

■ 65.7135, 60.6732,
39.4793

■ 78.9752, 78.8077,
69.7615

■ 60.3917, 53.1163,
28.1892

■ 86.9905, 89.4558,
89.0269

■ 55.8873, 46.5158,
19.2636

95.0500, 100.0000,
108.9000

■ 52.1543, 40.8305,
12.5297

■ 49.1411, 36.0155,
7.7906

■ 46.7884, 32.0213,
4.8134

■ 45.0149, 28.7879,
3.2559

■ 44.8636, 28.5071,
3.1379

Harmonies

Analogous

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



75.6874, 69.2218, 63.1983



71.8933, 69.2218, 53.2880



66.6157, 69.2218, 49.2879

Triad

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



71.8933, 69.2218, 53.2880



55.9111, 69.2218, 73.0495



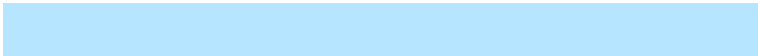
70.3988, 69.2218, 105.7529

Complementary

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



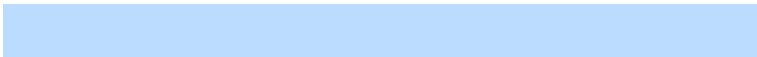
71.8933, 69.2218, 53.2880



65.1245, 73.0800, 105.2812

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.



64.9776, 69.2218, 109.3350



71.8933, 69.2218, 53.2880



56.8012, 69.2218, 89.0137

Square

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



71.8933, 69.2218, 53.2880



57.5470, 69.2218, 59.6542



60.0484, 69.2218, 102.8404



74.7918, 69.2218, 93.6305

Rectangle

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



71.8933, 69.2218, 53.2880



63.0374, 69.2218, 50.0436



60.0484, 69.2218, 102.8404



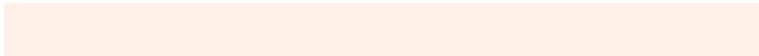
68.6282, 69.2218, 108.0611

Sweetspot

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



71.8950, 69.2249, 53.2894



87.0066, 89.4770, 89.0662



71.9211, 59.9712, 81.9873



18.3606, 18.8057, 18.4255



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.



71.8950, 69.2249, 53.2894



68.0923, 63.9885, 44.7184



81.9013, 89.2376, 56.6249



18.5315, 19.0312, 18.8410



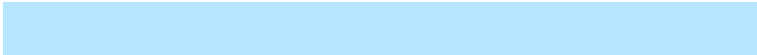
23.5684, 15.1481, 1.6817



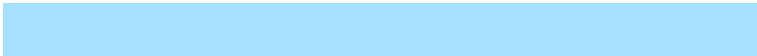
2.3928, 1.6710, 0.1964

Inverse Universe

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



65.1245, 73.0800, 105.2812



60.2813, 68.4156, 104.6361



55.9783, 54.7878, 102.2325



17.9862, 19.3440, 23.0357



16.6443, 18.1981, 52.0699



1.7233, 1.9773, 5.1041

Previews

White Background



This preview shows how the XYZ color 71.8933, 69.2218, 53.2880 looks on a white background.

Color Contrast Check

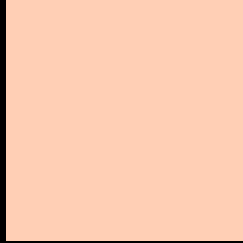
Large Text (above 18pt) WCAG AA × Fail

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 71.8933, 69.2218, 53.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

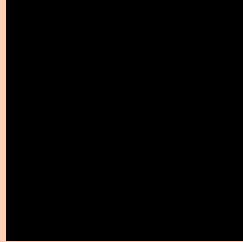
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8933, 69.2218, 53.2880

Background



This preview shows how black text looks on a background with the XYZ color 71.8933, 69.2218, 53.2880.



This preview shows how white text looks on a background with the XYZ color 71.8933, 69.2218,

53.2880.

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

71.8933, 69.2218, 53.2880

Protanopia

65.6707, 69.6649, 56.4398

Deuteranopia

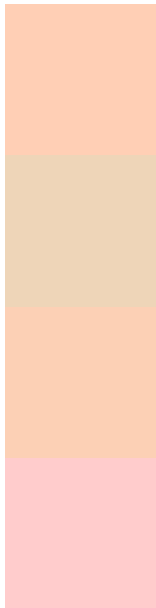
70.9246, 69.4464, 53.3824



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

71.8933, 69.2218, 53.2880

Protanomaly

67.7059, 69.2263, 55.1409

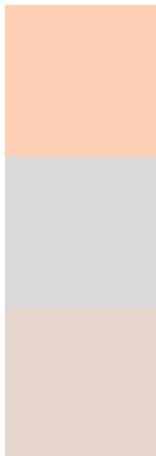
Deuteranomaly

71.0412, 69.1434, 53.3178

Tritanomaly

73.7319, 68.8054, 66.5214

Monochromacy



Original Color

71.8933, 69.2218, 53.2880

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 71.8933, 69.2218, 53.2880 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, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 181) }
```

Border

The CSS property to change the border of an element to XYZ 71.8933, 69.2218, 53.2880 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, 207, 181) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 181); box-shadow:4px 4px 4px 4px rgb(255, 207, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8933, 69.2218, 53.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 181) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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