

Converting Colors

XYZ(71.4958, 68.5464, 52.7867)

Have a look what the booklet for
XYZ(71.4958, 68.5464, 52.7867)
contains.

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Color

**XYZ(71.5495, 68.6979,
52.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB4
RGB	255, 206, 180
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1921, 0.2941
CMYK	0.00, 0.19, 0.29, 0.00
HSL	21°, 100%, 85%
HSV	21°, 29%, 100%
XYZ	71.5495, 68.6979, 52.6690
YIQ	217.6870, 37.5500, 2.3020

Conversions

Conversions Part 2

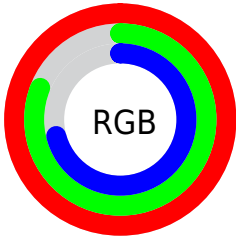
Format	Color
R_{YB}	255, 220, 180
Decimal	16764596
CIE _{Lab}	86.35, 13.66, 19.47
CIE _{LCh}	86, 23.787, 54.956
Yxy	68.6979, 0.3709, 0.3561
Android (android.graphics.Color)	4294954676 (0xFFFFCEB4)
YUV	217.6870, -18.5797, 32.7235
Hunter-Lab	82.8842, 9.0422, 20.3429

Details

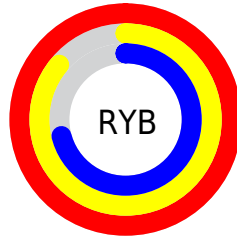
The XYZ color **71.5495, 68.6979, 52.6690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8908, 72.9595, 105.2702**, and the grayscale version is **66.5322, 69.9971, 76.2268**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **38.0850, 35.8591, 24.9929** is the 20% darker color. If you saturate the color by 10%, you get **65.3872, 60.1550, 38.9562**, and if you desaturate by 10%, it is **78.6183, 78.2884, 69.0432**.

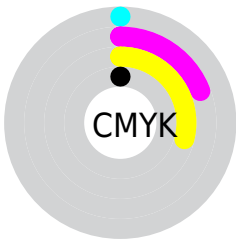
Distribution



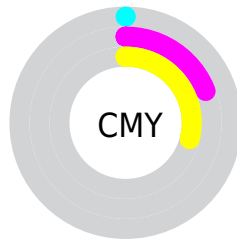
- Red (100%)
- Green (81%)
- Blue (71%)



- 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 71.5495, 68.6979, 52.6690 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 71.5495, 68.6979, 52.6690 by changing the saturation by 10% instead.


 71.5495, 68.6979,
52.6690

 71.5495, 68.6979,
52.6690


455.1541,
455.9648, 414.0441

 53.0749, 50.4657,
37.1527


 120.4301,
117.3500, 95.5537

 38.0903, 35.7836,
25.0290


151.5668,
148.5387, 123.7592

 26.2303, 24.2671,
15.8795


187.6549,
184.8150, 157.0315

 17.1296, 15.5319,
9.2855

229.0598,
226.5633, 195.7892

 10.4228, 9.1935,
4.8285

276.1468,
274.1681, 240.4507

 5.7446, 4.8676,
2.0900

329.2813,

 2.7296, 2.1698,

328.0136, 291.4347

0.6098

388.8286,
388.4844, 349.1597

■ 1.0124, 0.7035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5495, 68.6979,
52.6690

■ 71.5495, 68.6979,
52.6690

■ 65.3872, 60.1550,
38.9562

■ 78.6183, 78.2884,
69.0432

■ 60.0868, 52.6134,
27.7580

■ 86.6251, 88.9518,
88.2064

■ 55.6073, 46.0370,
18.9196

95.0500, 100.0000,
108.9000

■ 51.9020, 40.3837,
12.2673

■ 48.9189, 35.6079,
7.6031

■ 46.5978, 31.6590,
4.6918

■ 44.8539, 28.4746,
3.1752

■ 44.7641, 28.3083,
3.1047

Harmonies

Analogous

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



75.3464, 68.6979, 62.7506



71.5495, 68.6979, 52.6690



66.2284, 68.6979, 48.5348

Triad

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



71.5495, 68.6979, 52.6690



55.3297, 68.6979, 72.1721



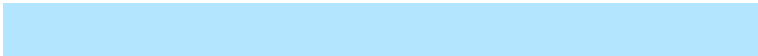
69.8535, 68.6979, 105.7113

Complementary

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



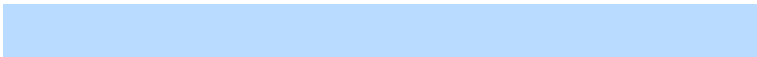
71.5495, 68.6979, 52.6690



64.8908, 72.9595, 105.2702

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.



64.3710, 68.6979, 109.1570



71.5495, 68.6979, 52.6690



56.1803, 68.6979, 88.3016

Square

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



71.5495, 68.6979, 52.6690



57.0246, 68.6979, 58.7416



59.4166, 68.6979, 102.3972



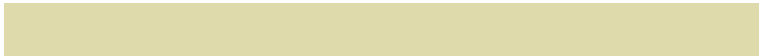
74.3293, 68.6979, 93.5476

Rectangle

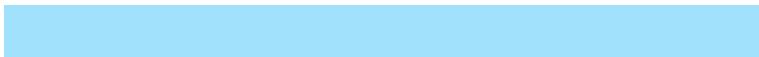
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5495, 68.6979, 52.6690



62.6075, 68.6979, 49.2180



59.4166, 68.6979, 102.3972



68.0590, 68.6979, 107.9937

Sweetspot

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



71.5512, 68.7011, 52.6704



86.9749, 89.4137, 89.0557



71.8446, 59.6164, 82.5838



18.3528, 18.7901, 18.4229



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.



71.5512, 68.7011, 52.6704



67.9974, 63.7987, 44.6868



81.3796, 88.3578, 55.9465



18.5244, 19.0169, 18.8386



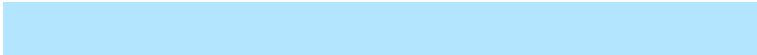
23.5154, 15.0420, 1.6640



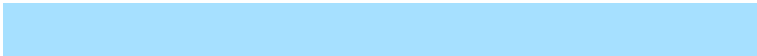
2.3870, 1.6594, 0.1945

Inverse Universe

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



64.8908, 72.9595, 105.2702



60.3936, 68.6402, 104.6735



55.8327, 54.8434, 102.2509



17.9936, 19.3588, 23.0382



16.7571, 18.4238, 52.1075



1.7338, 1.9982, 5.1076

Previews

White Background



This preview shows how the XYZ color 71.5495, 68.6979, 52.6690 looks on a white background.

Color Contrast Check

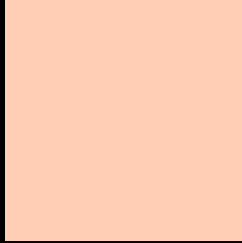
Large Text (above 18pt) WCAG AA × Fail

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 71.5495, 68.6979, 52.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

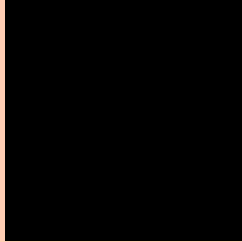
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5495, 68.6979, 52.6690

Background



This preview shows how black text looks on a background with the XYZ color 71.5495, 68.6979, 52.6690.



This preview shows how white text looks on a background with the XYZ color 71.5495, 68.6979,

52.6690.

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

71.5495, 68.6979, 52.6690

Protanopia

64.9914, 68.9454, 55.7813

Deuteranopia

70.2184, 68.7310, 52.7455



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

71.5495, 68.6979, 52.6690

Protanomaly

67.0158, 68.5104, 54.4915

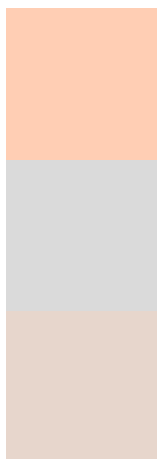
Deuteranomaly

70.6959, 68.6164, 52.6982

Tritanomaly

73.3754, 68.2837, 65.8127

Monochromacy



Original Color

71.5495, 68.6979, 52.6690

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9006, 69.4417, 66.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5495, 68.6979, 52.6690 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 180) }
```

Border

The CSS property to change the border of an element to XYZ 71.5495, 68.6979, 52.6690 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, 180) }
```


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

```
.border{ border-color:rgb(255, 206, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5495, 68.6979, 52.6690 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
206, 180) }
```

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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