

Converting Colors

XYZ(70.9559, 66.8489, 54.5114)

Have a look what the booklet for
XYZ(70.9559, 66.8489, 54.5114)
contains.

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Color

**XYZ(71.0123, 66.9618,
54.5296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAB8
RGB	255, 202, 184
RGB Percent	100%, 79%, 72%
CMY	0.0000, 0.2078, 0.2784
CMYK	0.00, 0.21, 0.28, 0.00
HSL	15°, 100%, 86%
HSV	15°, 28%, 100%
XYZ	71.0123, 66.9618, 54.5296
YIQ	215.7950, 37.3660, 5.6380

Conversions

Conversions Part 2

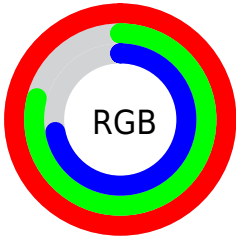
Format	Color
R _Y B	255, 208, 184
Decimal	16763576
CIE Lab	85.48, 16.27, 16.15
CIE LCh	85, 22.920, 44.792
Yxy	66.9618, 0.3689, 0.3478
Android (android.graphics.Color)	4294953656 (0xFFFFCAB8)
YUV	215.7950, -15.6749, 34.3828
Hunter-Lab	81.8302, 11.6996, 17.7718

Details

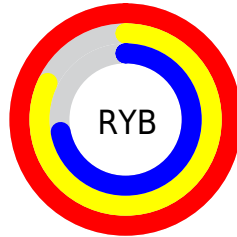
The XYZ color **71.0123, 66.9618, 54.5296** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1004, 77.9761, 106.0694**, and the grayscale version is **65.2177, 68.6141, 74.7207**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.7126, 34.6888, 26.1807** is the 20% darker color. If you saturate the color by 10%, you get **64.3828, 57.6018, 40.2995**, and if you desaturate by 10%, it is **78.6778, 77.6222, 71.4836**.

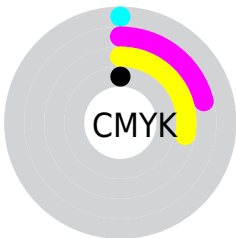
Distribution



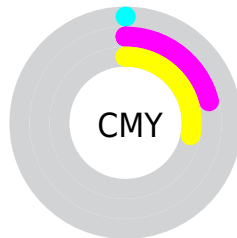
- Red (100%)
- Green (79%)
- Blue (72%)



- Red (100%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0123, 66.9618, 54.5296 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 71.0123, 66.9618, 54.5296 by changing the saturation by 10% instead.

 71.0123, 66.9618,
54.5296

 71.0123, 66.9618,
54.5296

453.3076,
449.8088, 421.3579

 52.6348, 49.0536,
38.6292


 119.6697,
114.8657, 98.3156

 37.7376, 34.6620,
26.1658

150.6802,
145.6301, 127.0383

 25.9554, 23.4026,
16.7208

186.6325,
181.4488, 160.8722

 16.9228, 14.8911,
9.8758

227.8919,
222.7060, 200.2357

 10.2744, 8.7430,
5.2122

274.8238,
269.7862, 245.5476

 5.6449, 4.5739,
2.3114

327.7935,

 2.6690, 1.9995,

323.0738, 297.2262

0.7376

387.1663,
382.9532, 355.6901

■ 0.9812, 0.6072,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0123, 66.9618,
54.5296

■ 71.0123, 66.9618,
54.5296

■ 64.3828, 57.6018,
40.2995

■ 78.6778, 77.6222,
71.4836

■ 58.7384, 49.4829,
28.6462

■ 87.4172, 89.6215,
91.2898

■ 54.0314, 42.5543,
19.4147

95.0500, 100.0000,
108.9000

■ 50.2077, 36.7585,
12.4318

■ 47.2071, 32.0325,
7.5008

■ 44.9612, 28.3066,
4.3904

■ 43.3843, 25.5004,
2.7935

■ 43.1112, 25.0024,
2.5537

Harmonies

Analogous

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



73.8163, 66.9618, 65.8370



71.0123, 66.9618, 54.5296



66.3059, 66.9618, 48.6093

Triad

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



71.0123, 66.9618, 54.5296



54.4711, 66.9618, 65.6491



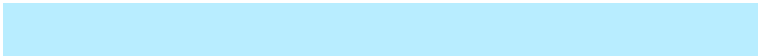
66.2337, 66.9618, 104.2689

Complementary

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



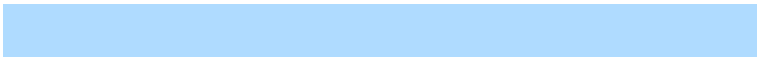
71.0123, 66.9618, 54.5296



68.1004, 77.9761, 106.0694

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.



61.0566, 66.9618, 104.2004



71.0123, 66.9618, 54.5296



54.4541, 66.9618, 80.4723

Square

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



71.0123, 66.9618, 54.5296



56.8538, 66.9618, 54.4082



56.8061, 66.9618, 95.0163



70.9570, 66.9618, 95.1922

Rectangle

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



71.0123, 66.9618, 54.5296



62.8132, 66.9618, 47.9232



56.8061, 66.9618, 95.0163



64.4845, 66.9618, 105.3508

Sweetspot

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



71.0139, 66.9648, 54.5310



87.2711, 89.4219, 90.9551



73.7035, 61.6707, 88.3318



18.3837, 18.7355, 18.7917



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.



71.0139, 66.9648, 54.5310



67.4678, 61.9773, 46.8600



80.2486, 85.4342, 57.6092



18.3837, 18.7355, 18.7917



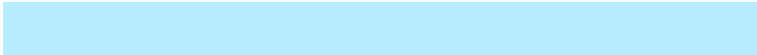
22.6263, 13.2638, 1.3676



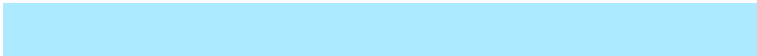
2.2859, 1.4572, 0.1608

Inverse Universe

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



68.1004, 77.9761, 106.0694



64.1380, 74.5133, 105.6098



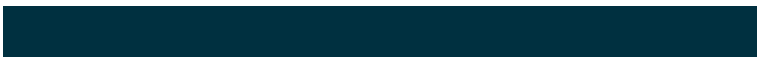
58.8798, 59.5350, 102.9958



18.1420, 19.6555, 23.0877



19.2165, 23.3426, 52.9273



1.9583, 2.4473, 5.1824

Previews

White Background



This preview shows how the XYZ color 71.0123, 66.9618, 54.5296 looks on a white background.

Color Contrast Check

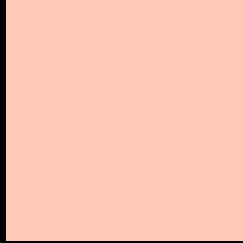
Large Text (above 18pt) WCAG AA × Fail

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 71.0123, 66.9618, 54.5296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

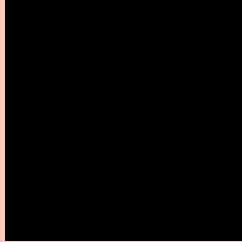
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0123, 66.9618, 54.5296

Background



This preview shows how black text looks on a background with the XYZ color 71.0123, 66.9618, 54.5296.



This preview shows how white text looks on a background with the XYZ color 71.0123, 66.9618,

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

71.0123, 66.9618, 54.5296

Protanopia

63.5199, 66.9942, 58.2985

Deuteranopia

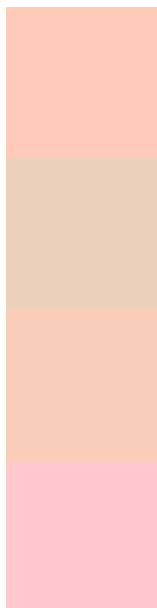
68.2747, 66.9740, 54.1286



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

71.0123, 66.9618, 54.5296

Protanomaly

66.1385, 66.8939, 57.0029

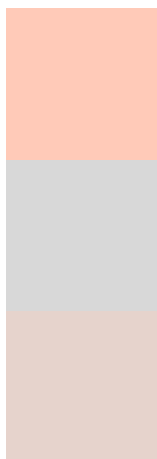
Deuteranomaly

69.4455, 67.2213, 54.1146

Tritanomaly

72.5549, 66.8328, 64.9531

Monochromacy



Original Color

71.0123, 66.9618, 54.5296

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.8265, 67.7712, 66.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0123, 66.9618, 54.5296 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, 202, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 184)  
}
```

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, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 184) }
```

Border

The CSS property to change the border of an element to XYZ 71.0123, 66.9618, 54.5296 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, 202, 184) }
```


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

```
.border{ border-color:rgb(255, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0123, 66.9618, 54.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 184) }
```

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

```
.background{ background-color: rgb(255,  
202, 184) }
```

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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