

Converting Colors

XYZ(70.3593, 65.6584, 54.3039)

Have a look what the booklet for
XYZ(70.3593, 65.6584, 54.3039)
contains.

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Color

**XYZ(70.3152, 65.5675,
54.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7B8
RGB	255, 199, 184
RGB Percent	100%, 78%, 72%
CMY	0.0000, 0.2196, 0.2784
CMYK	0.00, 0.22, 0.28, 0.00
HSL	13°, 100%, 86%
HSV	13°, 28%, 100%
XYZ	70.3152, 65.5675, 54.2972
YIQ	214.0340, 38.1910, 7.2070

Conversions

Conversions Part 2

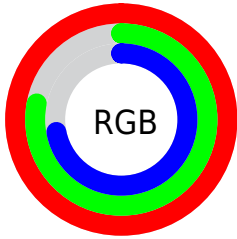
Format	Color
R _Y B	255, 203, 184
Decimal	16762808
CIE Lab	84.78, 17.83, 15.15
CIE LCh	85, 23.401, 40.350
Yxy	65.5675, 0.3697, 0.3448
Android (android.graphics.Color)	4294952888 (0xFFFFC7B8)
YUV	214.0340, -14.8068, 35.9272
Hunter-Lab	80.9738, 13.3000, 16.9245

Details

The XYZ color **70.3152, 65.5675, 54.2972** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9763, 79.7280, 106.3613**, and the grayscale version is **64.0192, 67.3532, 73.3477**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.2481, 33.7598, 26.0258** is the 20% darker color. If you saturate the color by 10%, you get **63.5539, 55.9442, 40.0232**, and if you desaturate by 10%, it is **78.1729, 76.6125, 71.3152**.

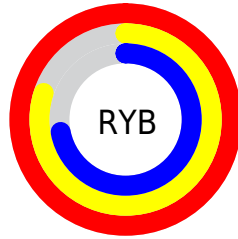
Distribution



Red (100%)

Green (78%)

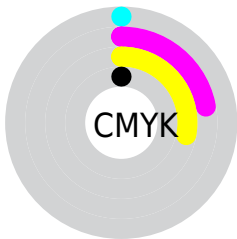
Blue (72%)



Red (100%)

Yellow (80%)

Blue (72%)

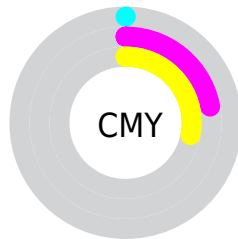


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3152, 65.5675, 54.2972 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 70.3152, 65.5675, 54.2972 by changing the saturation by 10% instead.


 70.3152, 65.5675,
54.2972

 70.3152, 65.5675,
54.2972


450.9051,
444.8285, 420.4489

 52.0641, 47.9214,
38.4445


 118.6820,
112.8654, 97.9713

 37.2806, 33.7646,
26.0234

149.5283,
143.2859, 126.6298

 25.5995, 22.7128,
16.6152


185.3038,
178.7334, 160.3939

 16.6554, 14.3816,
9.8015

226.3737,
219.5922, 199.6823

 10.0829, 8.3866,
5.1637

273.1034,
266.2467, 244.9135

 5.5166, 4.3433,
2.2832

325.8583,

 2.5913, 1.8674,

319.0813, 296.5059

0.7218

385.0038,
378.4805, 354.8782

■ 0.9415, 0.5287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3152, 65.5675,
54.2972

■ 70.3152, 65.5675,
54.2972

■ 63.5539, 55.9442,
40.0232

■ 78.1729, 76.6125,
71.3152

■ 57.8348, 47.6757,
28.3450

■ 87.1689, 89.1248,
91.2070

■ 53.1057, 40.7029,
19.1061

95.0500, 100.0000,
108.9000

■ 49.3079, 34.9590,
12.1319

■ 46.3762, 30.3706,
7.2238

■ 44.2360, 26.8563,
4.1487

■ 42.7948, 24.3214,
2.5969

■ 42.5541, 23.8882,
2.3680

Harmonies

Analogous

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



72.7623, 65.5675, 66.3340



70.3152, 65.5675, 54.2972



65.7686, 65.5675, 47.5265

Triad

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



70.3152, 65.5675, 54.2972



53.3077, 65.5675, 62.1247



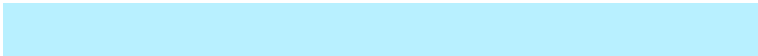
64.1470, 65.5675, 103.6930

Complementary

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



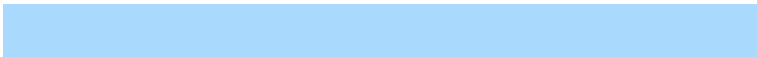
70.3152, 65.5675, 54.2972



68.9763, 79.7280, 106.3613

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.



58.9940, 65.5675, 102.1483



70.3152, 65.5675, 54.2972



52.9278, 65.5675, 76.7005

Square

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



70.3152, 65.5675, 54.2972



56.0237, 65.5675, 51.5880



54.9550, 65.5675, 91.7435



69.0711, 65.5675, 95.7083

Rectangle

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



70.3152, 65.5675, 54.2972



62.2585, 65.5675, 46.2577



54.9550, 65.5675, 91.7435



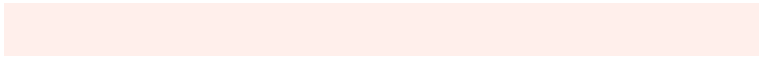
62.3815, 65.5675, 104.2954

Sweetspot

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



70.3167, 65.5704, 54.2985



87.0182, 88.9161, 90.8708



74.2282, 61.8806, 91.0947



18.3204, 18.6090, 18.7706



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.



70.3167, 65.5704, 54.2985



66.6954, 60.4325, 46.6026



79.2295, 83.3960, 57.2695



18.3204, 18.6090, 18.7706



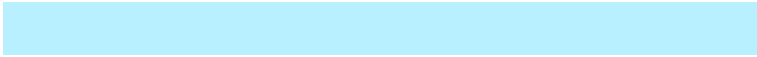
22.3218, 12.6547, 1.2661



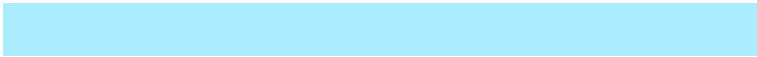
2.2482, 1.3817, 0.1482

Inverse Universe

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



68.9763, 79.7280, 106.3613



65.1587, 76.5546, 105.9500



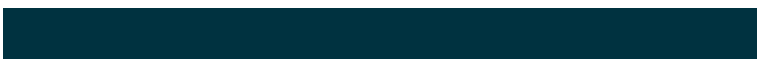
59.7210, 61.2174, 103.2762



18.2098, 19.7913, 23.1103



20.4711, 25.8517, 53.3455



2.0708, 2.6723, 5.2199

Previews

White Background



This preview shows how the XYZ color 70.3152, 65.5675, 54.2972 looks on a white background.

Color Contrast Check

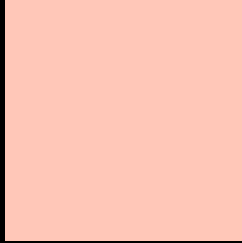
Large Text (above 18pt) WCAG AA × Fail

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 70.3152, 65.5675, 54.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

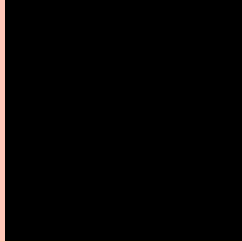
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3152, 65.5675, 54.2972

Background



This preview shows how black text looks on a background with the XYZ color 70.3152, 65.5675, 54.2972.



This preview shows how white text looks on a background with the XYZ color 70.3152, 65.5675,

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

70.3152, 65.5675, 54.2972

Protanopia

62.4073, 65.6784, 58.1032

Deuteranopia

67.1023, 65.6593, 53.9366



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

70.3152, 65.5675, 54.2972

Protanomaly

64.9942, 65.5801, 56.8096

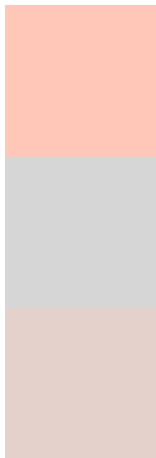
Deuteranomaly

68.0255, 65.4341, 53.8445

Tritanomaly

71.7489, 65.4096, 64.1021

Monochromacy



Original Color

70.3152, 65.5675, 54.2972

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8931, 66.5707, 65.8764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3152, 65.5675, 54.2972 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, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 184) }
```

Border

The CSS property to change the border of an element to XYZ 70.3152, 65.5675, 54.2972 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, 199, 184) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3152, 65.5675, 54.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 184) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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