

Converting Colors

XYZ(65.4201, 55.7569, 52.7288)

Have a look what the booklet for
XYZ(65.4201, 55.7569, 52.7288)
contains.

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Color

**XYZ(65.4171, 55.7714,
52.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0B8
RGB	255, 176, 184
RGB Percent	100%, 69%, 72%
CMY	0.0000, 0.3098, 0.2784
CMYK	0.00, 0.31, 0.28, 0.00
HSL	354°, 100%, 85%
HSV	354°, 31%, 100%
XYZ	65.4171, 55.7714, 52.6645
YIQ	200.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

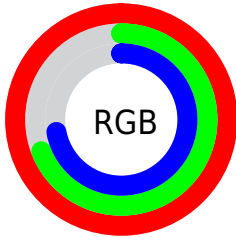
Format	Color
R_{YB}	255, 176, 184
Decimal	16756920
CIE _{Lab}	79.48, 29.89, 7.63
CIE _{LCh}	79, 30.848, 14.326
Yxy	55.7714, 0.3763, 0.3208
Android (android.graphics.Color)	4294947000 (0xFFFFB0B8)
YUV	200.5330, -8.1508, 47.7676
Hunter-Lab	74.6803, 25.6689, 10.4649

Details

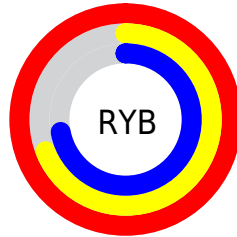
The XYZ color **65.4171, 55.7714, 52.6645** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4553, 87.4666, 101.1693**, and the grayscale version is **55.2592, 58.1370, 63.3112**.

A 20% lighter version of the original color is **85.8248, 85.2645, 94.3723**, and **34.2057, 27.6749, 25.0117** is the 20% darker color. If you saturate the color by 10%, you get **58.6676, 45.8108, 39.5064**, and if you desaturate by 10%, it is **73.4977, 67.7709, 68.1879**.

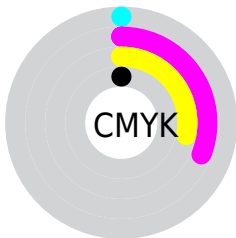
Distribution



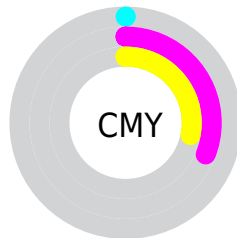
- Red (100%)
- Green (69%)
- Blue (72%)



- Red (100%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4171, 55.7714, 52.6645 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 65.4171, 55.7714, 52.6645 by changing the saturation by 10% instead.


 65.4171, 55.7714,
52.6645

 65.4171, 55.7714,
52.6645


433.8109,
408.8294, 414.0263

 48.0653, 40.0197,
37.1491


 111.7117, 98.6703,
95.5470

 34.0901, 27.5539,
25.0263

141.3852,
126.5862, 123.7513

 23.1260, 17.9896,
15.8774

175.8967,
159.3256, 157.0222

 14.8078, 10.9425,
9.2840

215.6115,
197.2730, 195.7784

 8.7700, 6.0282,
4.8276

260.8949,
240.8126, 240.4384

 4.6474, 2.8622,
2.0895


312.1124,

 2.0745, 1.0602,


290.3290, 291.4206


0.6095


369.6293,
346.2065, 349.1438

 0.6753, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.4171, 55.7714,
52.6645


 65.4171, 55.7714,
52.6645


 58.6676, 45.8108,
39.5064


 73.4977, 67.7709,
68.1879

 53.1737, 37.7686,
28.5941

 82.9713, 81.9059,
86.1813

 48.8585, 31.5234,
19.8027

 93.9009, 98.2759,
106.7473

 45.6352, 26.9368,
12.9938

95.0500, 100.0000,
108.9000

■ 43.4046, 23.8503,
8.0123

■ 42.0493, 22.0742,
4.6798

■ 41.4243, 21.3337,
2.9006

Harmonies

Analogous

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



65.3336, 55.7714, 70.4231



65.4171, 55.7714, 52.6645



62.0015, 55.7714, 39.8596

Triad

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



65.4171, 55.7714, 52.6645



45.1089, 55.7714, 39.4320



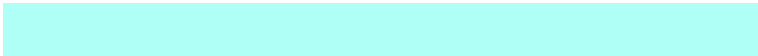
49.8535, 55.7714, 99.8796

Complementary

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



65.4171, 55.7714, 52.6645



70.4553, 87.4666, 101.1693

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.



44.9310, 55.7714, 87.8378



65.4171, 55.7714, 52.6645



42.3409, 55.7714, 51.9618

Square

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



65.4171, 55.7714, 52.6645



50.1141, 55.7714, 33.2917



42.2784, 55.7714, 69.5699



56.0134, 55.7714, 100.1697

Rectangle

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



65.4171, 55.7714, 52.6645



58.3428, 55.7714, 34.8623



42.2784, 55.7714, 69.5699



48.0107, 55.7714, 96.9808

Sweetspot

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



65.4185, 55.7740, 52.6656



85.0156, 84.9633, 90.0417



71.5070, 57.8270, 102.0006



17.8738, 17.7024, 18.6627



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.



65.4185, 55.7740, 52.6656



61.1983, 49.5374, 44.4651



71.2177, 68.6759, 50.5799



18.0841, 18.0169, 19.0598



21.6694, 11.1571, 1.6436



2.1335, 1.0958, 0.2843

Inverse Universe

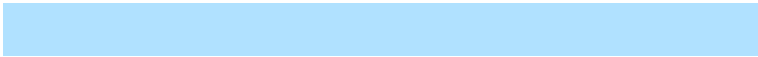
The Inverse Universe completely reimagines the original color for something new.



65.4185, 55.7740, 52.6656



61.1983, 49.5374, 44.4651



62.8053, 70.1496, 104.8378



18.0841, 18.0169, 19.0598



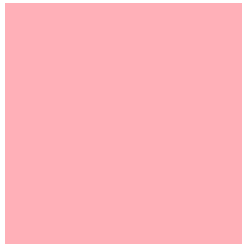
21.6694, 11.1571, 1.6436



2.1335, 1.0958, 0.2843

Previews

White Background



This preview shows how the XYZ color 65.4171, 55.7714, 52.6645 looks on a white background.

Color Contrast Check

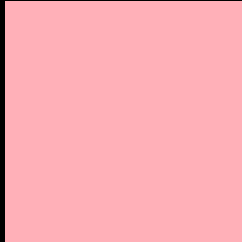
Large Text (above 18pt) WCAG AA × Fail

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 65.4171, 55.7714, 52.6645 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 65.4171, 55.7714, 52.6645

Background



This preview shows how black text looks on a background with the XYZ color 65.4171, 55.7714, 52.6645.



This preview shows how white text looks on a background with the XYZ color 65.4171, 55.7714,

52.6645.

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

65.4171, 55.7714, 52.6645

Protanopia

53.6776, 55.8375, 59.5784

Deuteranopia

56.8781, 55.6927, 51.4680



Tritanopia

65.7553, 55.5941, 55.4092

Trichromacy



Original Color

65.4171, 55.7714, 52.6645

Protanomaly

57.4204, 55.5289, 56.9820

Deuteranomaly

59.7241, 55.5677, 51.8338

Tritanomaly

65.5396, 55.5078, 54.2735

Monochromacy



Original Color

65.4171, 55.7714, 52.6645

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.5188, 57.0116, 59.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4171, 55.7714, 52.6645 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, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.4171, 55.7714, 52.6645 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, 176, 184) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4171, 55.7714, 52.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 184) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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