

Converting Colors

XYZ(83.0824, 67.9205, 45.7377)

Have a look what the booklet for
XYZ(83.0824, 67.9205, 45.7377)
contains.

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Color

**XYZ(65.6568, 58.7851,
44.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A8
RGB	255, 185, 168
RGB Percent	100%, 73%, 66%
CMY	0.0000, 0.2745, 0.3412
CMYK	0.00, 0.27, 0.34, 0.00
HSL	12°, 100%, 83%
HSV	12°, 34%, 100%
XYZ	65.6568, 58.7851, 44.9320
YIQ	203.9920, 47.1770, 9.5530

Conversions

Conversions Part 2

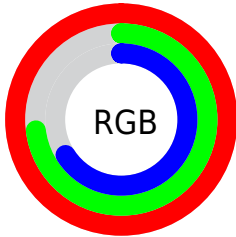
Format	Color
R _Y B	255, 189, 168
Decimal	16759208
CIE Lab	81.17, 23.14, 18.64
CIE LCh	81, 29.717, 38.848
Yxy	58.7851, 0.3876, 0.3471
Android (android.graphics.Color)	4294949288 (0xFFFFB9A8)
YUV	203.9920, -17.7441, 44.7340
Hunter-Lab	76.6714, 18.6816, 18.9241

Details

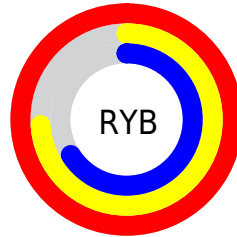
The XYZ color **65.6568, 58.7851, 44.9320** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7718, 76.6910, 105.9966**, and the grayscale version is **57.4785, 60.4719, 65.8539**.

A 20% lighter version of the original color is **86.0146, 89.4983, 82.5535**, and **34.4296, 29.6338, 20.4283** is the 20% darker color. If you saturate the color by 10%, you get **59.5237, 49.9551, 32.2941**, and if you desaturate by 10%, it is **72.8781, 69.0456, 60.2320**.

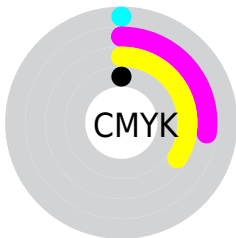
Distribution



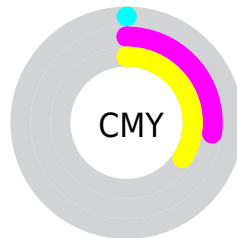
- Red (100%)
- Green (73%)
- Blue (66%)



- Red (100%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6568, 58.7851, 44.9320 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 65.6568, 58.7851, 44.9320 by changing the saturation by 10% instead.


 65.6568, 58.7851,
44.9320


 65.6568, 58.7851,
44.9320


434.6565,
420.1051, 382.6502

 48.2605, 42.4401,
31.0613


 112.0541,
103.0653, 83.9357

 34.2454, 29.4461,
20.3867


 141.7858,
131.7693, 109.9058

 23.2459, 19.4185,
12.4896


176.3600,
165.3617, 140.7462

 14.8969, 11.9731,
6.9515

216.1421,
204.2271, 176.8753

 8.8329, 6.7254,
3.3538

261.4975,
248.7497, 218.7117

 4.6886, 3.2909,
1.2780

312.7914,

 2.0986, 1.2854,

299.3140, 266.6740

0.0436

370.3893,
356.3043, 321.1806

■ 0.6885, 0.1299,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6568, 58.7851,
44.9320

■ 65.6568, 58.7851,
44.9320

■ 59.5237, 49.9551,
32.2941

■ 72.8781, 69.0456,
60.2320

■ 54.4205, 42.4834,
22.1620

■ 81.2330, 80.7879,
78.3311

■ 50.2901, 36.3043,
14.3682

■ 90.7698, 94.0709,
99.3612

■ 47.0681, 31.3427,
8.7235

95.0499, 100.0000,
108.9000

■ 44.6813, 27.5160,
5.0087

■ 43.0441, 24.7302,
2.9567

■ 42.3739, 23.5278,
2.3080

Harmonies

Analogous

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



68.4675, 58.7851, 58.9101



65.6568, 58.7851, 44.9320



60.2757, 58.7851, 37.2073

Triad

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



65.6568, 58.7851, 44.9320



45.4999, 58.7851, 52.4865



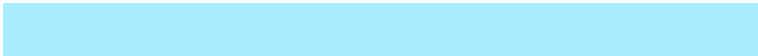
57.7226, 58.7851, 103.9039

Complementary

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



65.6568, 58.7851, 44.9320



64.7718, 76.6910, 105.9966

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.



51.6910, 58.7851, 101.3158



65.6568, 58.7851, 44.9320



44.9270, 58.7851, 69.3897

Square

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



65.6568, 58.7851, 44.9320



48.7409, 58.7851, 40.9766



47.1137, 58.7851, 87.8357



63.6700, 58.7851, 94.3660

Rectangle

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



65.6568, 58.7851, 44.9320



56.1130, 58.7851, 35.6364



47.1137, 58.7851, 87.8357



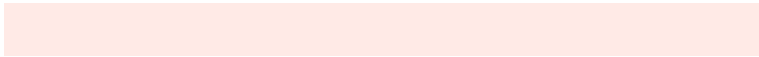
55.6346, 58.7851, 104.4551

Sweetspot

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



65.6583, 58.7879, 44.9332



85.0137, 86.0669, 86.6272



70.8303, 55.5008, 88.6798



17.9153, 18.0298, 17.9235



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.



65.6583, 58.7879, 44.9332



61.3227, 52.5593, 35.9574



75.9004, 79.2721, 48.3472



18.2967, 18.5617, 18.7627



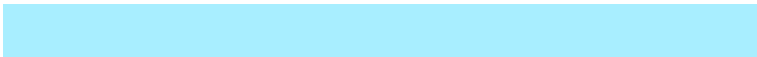
22.2223, 12.4559, 1.2330



2.2353, 1.3559, 0.1439

Inverse Universe

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



64.7718, 76.6910, 105.9966



60.2943, 72.9142, 105.5037



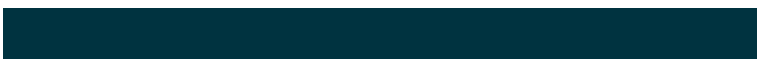
53.8376, 54.8226, 102.3519



18.2354, 19.8425, 23.1188



20.9652, 26.8400, 53.5102



2.1148, 2.7603, 5.2346

Previews

White Background



This preview shows how the XYZ color 65.6568, 58.7851, 44.9320 looks on a white background.

Color Contrast Check

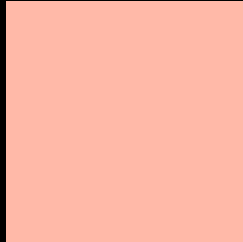
Large Text (above 18pt) WCAG AA × Fail

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 65.6568, 58.7851, 44.9320 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 65.6568, 58.7851, 44.9320

Background



This preview shows how black text looks on a background with the XYZ color 65.6568, 58.7851, 44.9320.



This preview shows how white text looks on a background with the XYZ color 65.6568, 58.7851,

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

65.6568, 58.7851, 44.9320

Protanopia

55.8745, 58.9049, 49.4992

Deuteranopia

60.1064, 58.8292, 44.2636



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

65.6568, 58.7851, 44.9320

Protanomaly

59.0528, 58.5413, 47.7223

Deuteranomaly

62.2238, 58.9289, 44.6541

Tritanomaly

66.9304, 58.6298, 53.6880

Monochromacy



Original Color

65.6568, 58.7851, 44.9320

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.8016, 59.3821, 57.6002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6568, 58.7851, 44.9320 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, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 168)  
}
```

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, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 168) }
```

Border

The CSS property to change the border of an element to XYZ 65.6568, 58.7851, 44.9320 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, 185, 168) }
```


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

```
.border{ border-color:rgb(255, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6568, 58.7851, 44.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 168) }
```

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

```
.background{ background-color: rgb(255,  
185, 168) }
```

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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