

Converting Colors

XYZ(75.3044, 62.9897, 46.3021)

Have a look what the booklet for
XYZ(75.3044, 62.9897, 46.3021)
contains.

XYZ(65.4292, 58.0293, 45.7825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.4292, 58.0293,
45.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7AA
RGB	255, 183, 170
RGB Percent	100%, 72%, 67%
CMY	0.0000, 0.2823, 0.3333
CMYK	0.00, 0.28, 0.33, 0.00
HSL	9°, 100%, 83%
HSV	9°, 33%, 100%
XYZ	65.4292, 58.0293, 45.7825
YIQ	203.0460, 47.0850, 11.2210

Conversions

Conversions Part 2

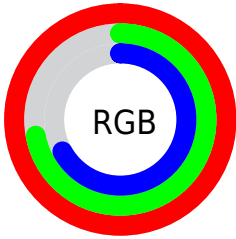
Format	Color
R _Y B	255, 185, 170
Decimal	16758698
CIE Lab	80.76, 24.44, 16.99
CIE LCh	81, 29.759, 34.803
Yxy	58.0293, 0.3866, 0.3429
Android (android.graphics.Color)	4294948778 (0xFFFFB7AA)
YUV	203.0460, -16.2917, 45.5637
Hunter-Lab	76.1770, 20.0058, 17.6905

Details

The XYZ color **65.4292, 58.0293, 45.7825** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3785, 79.2674, 106.4094**, and the grayscale version is **56.8734, 59.8352, 65.1605**.

A 20% lighter version of the original color is **85.6971, 88.4292, 83.7860**, and **34.2786, 29.1436, 20.9581** is the 20% darker color. If you saturate the color by 10%, you get **59.1288, 48.9217, 32.9133**, and if you desaturate by 10%, it is **72.8841, 68.6968, 61.3459**.

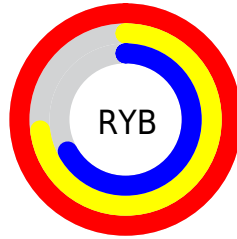
Distribution



Red (100%)

Green (72%)

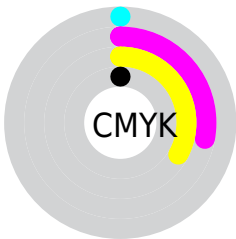
Blue (67%)



Red (100%)

Yellow (73%)

Blue (67%)

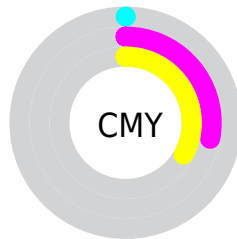


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4292, 58.0293, 45.7825 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 65.4292, 58.0293, 45.7825 by changing the saturation by 10% instead.


 65.4292, 58.0293,
45.7825

 65.4292, 58.0293,
45.7825


433.8536,
417.2951, 386.1857

 48.0752, 41.8322,
31.7268


 111.7290,
101.9655, 85.2242

 34.0979, 28.9699,
20.8898


141.4054,
130.4734, 111.4474

 23.1321, 19.0581,
12.8530

175.9201,
163.8538, 142.5634

 14.8123, 11.7122,
7.1979

215.6383,
202.4909, 178.9908

 8.7732, 6.5481,
3.5058

260.9254,
246.7692, 221.1482

 4.6495, 3.1811,
1.3584

312.1467,

 2.0757, 1.2270,

297.0730, 269.4542

0.1089

369.6677,
353.7869, 324.3271

■ 0.6760, 0.0836,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4292, 58.0293,
45.7825

■ 65.4292, 58.0293,
45.7825

■ 59.1288, 48.9217,
32.9133

■ 72.8841, 68.6968,
61.3459

■ 53.9202, 41.2926,
22.5816

■ 81.5430, 80.9839,
79.7413

■ 49.7414, 35.0660,
14.6195

■ 91.4581, 94.9576,
101.1011

■ 46.5225, 30.1554,
8.8376

95.0500, 100.0000,
108.9000

■ 44.1840, 26.4649,
5.0173

■ 42.6334, 23.8848,
2.8936

■ 41.9661, 22.7121,
2.1720

Harmonies

Analogous

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



67.7771, 58.0293, 60.3947



65.4292, 58.0293, 45.7825



60.3359, 58.0293, 37.2602

Triad

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



65.4292, 58.0293, 45.7825



45.1465, 58.0293, 49.8539



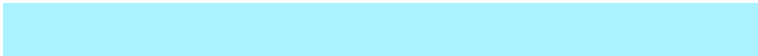
56.1497, 58.0293, 103.2246

Complementary

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



65.4292, 58.0293, 45.7825



66.3785, 79.2674, 106.4094

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.



50.2797, 58.0293, 98.9857



65.4292, 58.0293, 45.7825



44.2063, 58.0293, 66.0580

Square

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



65.4292, 58.0293, 45.7825



48.6869, 58.0293, 39.2870



46.0171, 58.0293, 84.5158



62.1723, 58.0293, 95.2153

Rectangle

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



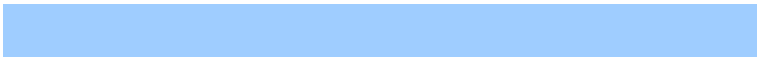
65.4292, 58.0293, 45.7825



56.2315, 58.0293, 35.1370



46.0171, 58.0293, 84.5158



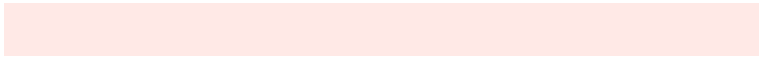
54.0926, 58.0293, 103.1965

Sweetspot

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



65.4307, 58.0320, 45.7837



84.7055, 85.4506, 86.5245



71.6796, 56.4358, 91.3168



17.8414, 17.8819, 17.8989



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.



65.4307, 58.0320, 45.7837



61.1046, 51.7896, 36.9128



75.4888, 78.1483, 49.1364



18.2337, 18.4355, 18.7417



21.9946, 12.0004, 1.1571



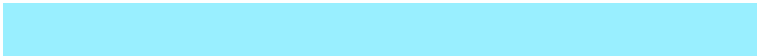
2.2040, 1.2934, 0.1335

Inverse Universe

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



66.3785, 79.2674, 106.4094



62.1687, 75.9560, 105.9921



55.2245, 56.9595, 102.6914



18.3042, 19.9800, 23.1417



22.3497, 29.6090, 53.9717



2.2373, 3.0053, 5.2754

Previews

White Background



This preview shows how the XYZ color 65.4292, 58.0293, 45.7825 looks on a white background.

Color Contrast Check

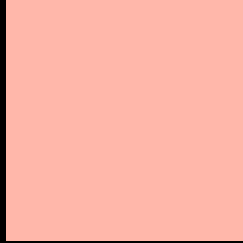
Large Text (above 18pt) WCAG AA × Fail

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 65.4292, 58.0293, 45.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

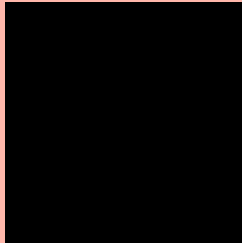
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4292, 58.0293, 45.7825

Background



This preview shows how black text looks on a background with the XYZ color 65.4292, 58.0293, 45.7825.



This preview shows how white text looks on a background with the XYZ color 65.4292, 58.0293,

45.7825.

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

65.4292, 58.0293, 45.7825

Protanopia

55.3693, 58.2649, 50.9758

Deuteranopia

59.4166, 58.1229, 45.1330



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

65.4292, 58.0293, 45.7825

Protanomaly

58.4923, 57.8869, 49.1647

Deuteranomaly

61.2942, 57.7850, 45.4592

Tritanomaly

66.7249, 58.2187, 53.6195

Monochromacy



Original Color

65.4292, 58.0293, 45.7825

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.2681, 58.7710, 57.5104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4292, 58.0293, 45.7825 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, 183, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 170)  
}
```

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, 183, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 170) }
```

Border

The CSS property to change the border of an element to XYZ 65.4292, 58.0293, 45.7825 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, 183, 170) }
```


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

```
.border{ border-color:rgb(255, 183, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4292, 58.0293, 45.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 170) }
```

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

```
.background{ background-color: rgb(255,  
183, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor