

Converting Colors

XYZ(65.3805, 58.6745, 43.4767)

Have a look what the booklet for
XYZ(65.3805, 58.6745, 43.4767)
contains.

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Color

**XYZ(65.3805, 58.6745,
43.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A5
RGB	255, 185, 165
RGB Percent	100%, 73%, 65%
CMY	0.0000, 0.2745, 0.3529
CMYK	0.00, 0.27, 0.35, 0.00
HSL	13°, 100%, 82%
HSV	13°, 35%, 100%
XYZ	65.3805, 58.6745, 43.4767
YIQ	203.6500, 48.1400, 8.6200

Conversions

Conversions Part 2

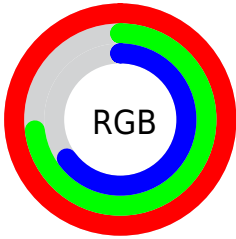
Format	Color
R _Y B	255, 191, 165
Decimal	16759205
CIE Lab	81.11, 22.79, 20.16
CIE LCh	81, 30.424, 41.501
Yxy	58.6745, 0.3903, 0.3502
Android (android.graphics.Color)	4294949285 (0xFFFFB9A5)
YUV	203.6500, -19.0544, 45.0340
Hunter-Lab	76.5993, 18.3080, 19.9673

Details

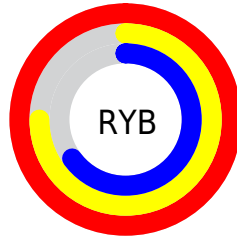
The XYZ color **65.3805, 58.6745, 43.4767** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2743, 74.6333, 105.6785**, and the grayscale version is **57.2700, 60.2525, 65.6150**.

A 20% lighter version of the original color is **85.6136, 89.3379, 80.4418**, and **33.9969, 29.4305, 19.5116** is the 20% darker color. If you saturate the color by 10%, you get **59.4236, 50.1121, 31.1593**, and if you desaturate by 10%, it is **72.3818, 68.5850, 58.4264**.

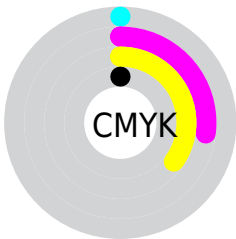
Distribution



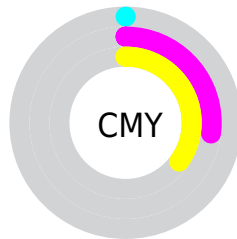
- Red (100%)
- Green (73%)
- Blue (65%)



- Red (100%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3805, 58.6745, 43.4767 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 65.3805, 58.6745, 43.4767 by changing the saturation by 10% instead.


 65.3805, 58.6745,
43.4767


 65.3805, 58.6745,
43.4767


433.6817,
419.6946, 376.5472

 48.0355, 42.3511,
29.9252

 111.6594,
102.9044, 81.7238

 34.0664, 29.3763,
19.5302

 141.3240,
131.5798, 107.2564

 23.1077, 19.3657,
11.8733


175.8259,
165.1413, 137.6198

 14.7942, 11.9348,
6.5360

215.5304,
203.9733, 173.2325

 8.7605, 6.6993,
3.0996

260.8029,
248.4603, 214.5130

 4.6411, 3.2748,
1.1457

312.0087,

 2.0709, 1.2768,

298.9866, 261.8800

0.0000

369.5132,
355.9365, 315.7519

0.6733, 0.1231,
0.0000

0.0000, 0.0000,
0.0000

65.3805, 58.6745,
43.4767

65.3805, 58.6745,
43.4767

59.4236, 50.1121,
31.1593

72.3818, 68.5850,
58.4264

54.4552, 42.8306,
21.3171

80.4710, 79.8902,
76.1458

50.4208, 36.7698,
13.7816

89.6942, 92.6447,
96.7672

47.2583, 31.8609,
8.3618

95.0500, 100.0000,
108.9000

■ 44.8975, 28.0279,
4.8354

■ 43.2555, 25.1848,
2.9292

■ 42.6874, 24.1549,
2.4125

Harmonies

Analogous

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



68.5533, 58.6745, 57.1913



65.3805, 58.6745, 43.4767



59.7163, 58.6745, 36.2241

Triad

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



65.3805, 58.6745, 43.4767



45.0130, 58.6745, 53.4614



58.2282, 58.6745, 104.4507

Complementary

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



65.3805, 58.6745, 43.4767



63.2743, 74.6333, 105.6785

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.



51.9983, 58.6745, 102.9312



65.3805, 58.6745, 43.4767



44.6808, 58.6745, 71.0849

Square

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



65.3805, 58.6745, 43.4767



48.0924, 58.6745, 41.1923



47.1477, 58.6745, 89.8536



64.2205, 58.6745, 93.6800

Rectangle

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



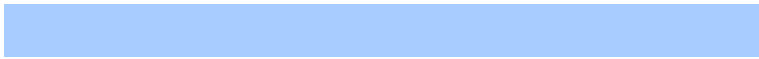
65.3805, 58.6745, 43.4767



55.4504, 58.6745, 35.0133



47.1477, 58.6745, 89.8536



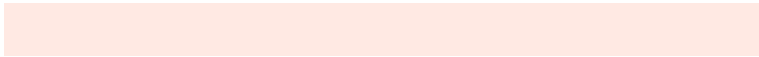
56.0875, 58.6745, 105.4075

Sweetspot

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



65.3820, 58.6773, 43.4779



84.2895, 85.1859, 84.6369



69.7632, 54.1979, 85.7611



17.7784, 17.8691, 17.5293



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.



65.3820, 58.6773, 43.4779



61.2741, 52.7883, 34.9352



76.1896, 80.2926, 47.0804



18.3368, 18.6417, 18.7761



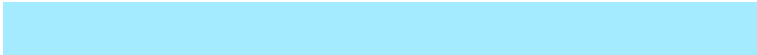
22.3950, 12.8012, 1.2905



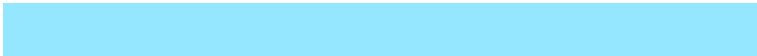
2.2575, 1.4003, 0.1513

Inverse Universe

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



63.2743, 74.6333, 105.6785



58.8748, 70.7669, 105.1641



52.0895, 52.2638, 101.9503



18.1922, 19.7561, 23.1044



20.1377, 25.1850, 53.2344



2.0410, 2.6127, 5.2100

Previews

White Background



This preview shows how the XYZ color 65.3805, 58.6745, 43.4767 looks on a white background.

Color Contrast Check

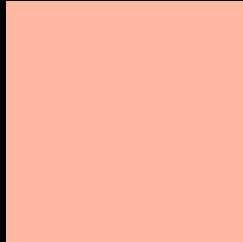
Large Text (above 18pt) WCAG AA × Fail

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 65.3805, 58.6745, 43.4767 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 65.3805, 58.6745, 43.4767

Background



This preview shows how black text looks on a background with the XYZ color 65.3805, 58.6745, 43.4767.



This preview shows how white text looks on a background with the XYZ color 65.3805, 58.6745,

43.4767.

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

65.3805, 58.6745, 43.4767

Protanopia

55.5808, 58.7875, 47.9529

Deuteranopia

60.1636, 58.8901, 42.8463



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

65.3805, 58.6745, 43.4767

Protanomaly

58.7657, 58.4265, 46.2104

Deuteranomaly

61.9496, 58.8192, 43.2101

Tritanomaly

66.8252, 58.5877, 53.1339

Monochromacy



Original Color

65.3805, 58.6745, 43.4767

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.6919, 59.3382, 57.0225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3805, 58.6745, 43.4767 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 165) }
```

Border

The CSS property to change the border of an element to XYZ 65.3805, 58.6745, 43.4767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

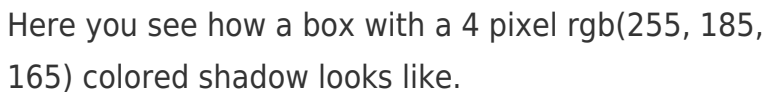
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 165) }
```


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

```
.border{ border-color:rgb(255, 185, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 165); box-shadow:4px 4px 4px 4px rgb(255, 185, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3805, 58.6745, 43.4767 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
185, 165) }
```

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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