

Converting Colors

XYZ(66.0442, 59.5150, 45.1991)

Have a look what the booklet for
XYZ(66.0442, 59.5150, 45.1991)
contains.

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Color

**XYZ(66.0782, 59.6278,
45.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBA8
RGB	255, 187, 168
RGB Percent	100%, 73%, 66%
CMY	0.0000, 0.2666, 0.3412
CMYK	0.00, 0.27, 0.34, 0.00
HSL	13°, 100%, 83%
HSV	13°, 34%, 100%
XYZ	66.0782, 59.6278, 45.0724
YIQ	205.1660, 46.6270, 8.5070

Conversions

Conversions Part 2

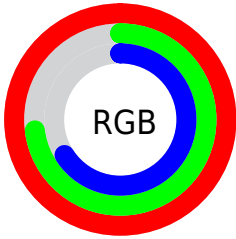
Format	Color
R _Y B	255, 192, 168
Decimal	16759720
CIE Lab	81.64, 22.10, 19.28
CIE LCh	82, 29.326, 41.110
Yxy	59.6278, 0.3869, 0.3492
Android (android.graphics.Color)	4294949800 (0xFFFFBBA8)
YUV	205.1660, -18.3228, 43.7044
Hunter-Lab	77.2190, 17.6135, 19.4460

Details

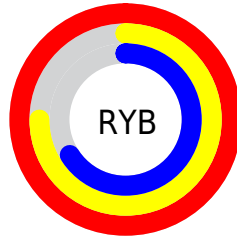
The XYZ color **66.0782, 59.6278, 45.0724** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1928, 75.5330, 105.8038**, and the grayscale version is **58.2275, 61.2598, 66.7119**.

A 20% lighter version of the original color is **86.6099, 90.6889, 82.7519**, and **34.5659, 29.9063, 20.4737** is the 20% darker color. If you saturate the color by 10%, you get **59.9931, 50.8938, 32.4505**, and if you desaturate by 10%, it is **73.2190, 69.7273, 60.3455**.

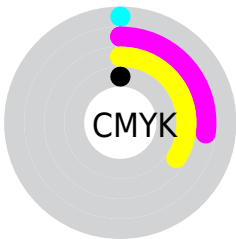
Distribution



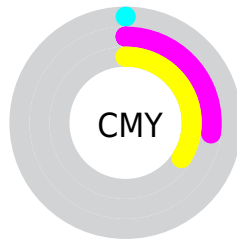
- Red (100%)
- Green (73%)
- Blue (66%)



- Red (100%)
- Yellow (75%)
- 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 66.0782, 59.6278, 45.0724 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 66.0782, 59.6278, 45.0724 by changing the saturation by 10% instead.


 66.0782, 59.6278,
45.0724


 66.0782, 59.6278,
45.0724


436.1407,
423.2245, 383.2354

 48.6038, 43.1187,
31.1711


 112.6557,
104.2896, 84.1486

 34.5186, 29.9783,
20.4696


 142.4895,
133.2110, 110.1607

 23.4570, 19.8221,
12.5494


177.1738,
167.0387, 141.0467

 15.0539, 12.2658,
6.9920


217.0740,
206.1570, 177.2252

 8.9438, 6.9250,
3.3787

262.5555,
250.9503, 219.1148

 4.7613, 3.4152,
1.2911


313.9835,

 2.1412, 1.3522,


301.8031, 267.1340


0.0545


371.7235,
359.0997, 321.7013


 0.7115, 0.1811,
0.0000

 0.0000, 0.0000,
0.0000


 66.0782, 59.6278,
45.0724


 66.0782, 59.6278,
45.0724


 59.9931, 50.8938,
32.4505


 73.2190, 69.7273,
60.3455

 54.9077, 43.4578,
22.3243

 81.4587, 81.2391,
78.4062

 50.7676, 37.2592,
14.5273

 90.8435, 94.2183,
99.3857

 47.5113, 32.2290,
8.8712

95.0500, 100.0000,
108.9000

■ 45.0689, 28.2913,
5.1379

■ 43.3590, 25.3601,
3.0617

■ 42.6399, 24.0599,
2.3966

Harmonies

Analogous

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



69.1134, 59.6278, 58.6034



66.0782, 59.6278, 45.0724



60.5975, 59.6278, 37.8214

Triad

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



66.0782, 59.6278, 45.0724



46.1875, 59.6278, 54.5468



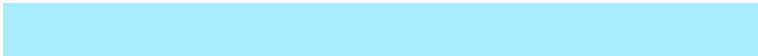
58.9881, 59.6278, 104.2363

Complementary

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



66.0782, 59.6278, 45.0724



64.1928, 75.5330, 105.8038

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.



52.9244, 59.6278, 102.6109



66.0782, 59.6278, 45.0724



45.8254, 59.6278, 71.6846

Square

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



66.0782, 59.6278, 45.0724



49.2359, 59.6278, 42.5676



48.2081, 59.6278, 89.8876



64.8268, 59.6278, 93.9930

Rectangle

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



66.0782, 59.6278, 45.0724



56.4453, 59.6278, 36.5653



48.2081, 59.6278, 89.8876



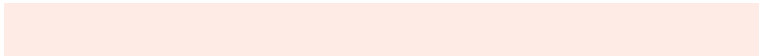
56.9042, 59.6278, 105.1018

Sweetspot

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



66.0797, 59.6306, 45.0736



85.1813, 86.4022, 86.6830



70.4051, 55.3307, 86.4406



17.9556, 18.1103, 17.9370



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.



66.0797, 59.6306, 45.0736



61.7804, 53.4747, 36.1100



76.7025, 80.8761, 48.6145



18.3310, 18.6302, 18.7742



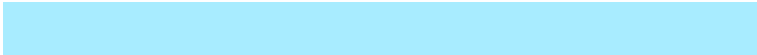
22.3689, 12.7491, 1.2818



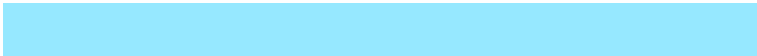
2.2542, 1.3937, 0.1502

Inverse Universe

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



64.1928, 75.5330, 105.8038



59.6126, 71.5506, 105.2765



53.1917, 53.5308, 102.1367



18.1984, 19.7684, 23.1065



20.2536, 25.4168, 53.2730



2.0514, 2.6335, 5.2135

Previews

White Background



This preview shows how the XYZ color 66.0782, 59.6278, 45.0724 looks on a white background.

Color Contrast Check

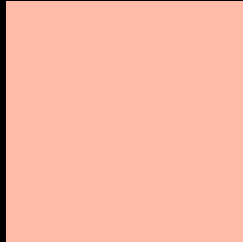
Large Text (above 18pt) WCAG AA × Fail

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 66.0782, 59.6278, 45.0724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

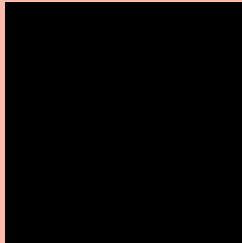
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0782, 59.6278, 45.0724

Background



This preview shows how black text looks on a background with the XYZ color 66.0782, 59.6278, 45.0724.



This preview shows how white text looks on a background with the XYZ color 66.0782, 59.6278,

45.0724.

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

66.0782, 59.6278, 45.0724

Protanopia

56.6330, 59.9926, 49.6691

Deuteranopia

60.9901, 59.6163, 44.3690



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

66.0782, 59.6278, 45.0724

Protanomaly

59.5040, 59.4436, 47.8727

Deuteranomaly

62.7868, 59.5440, 44.7431

Tritanomaly

67.4519, 59.5031, 54.3845

Monochromacy



Original Color

66.0782, 59.6278, 45.0724

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1399, 59.8819, 58.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0782, 59.6278, 45.0724 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, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 168) }
```

Border

The CSS property to change the border of an element to XYZ 66.0782, 59.6278, 45.0724 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, 187, 168) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0782, 59.6278, 45.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 168) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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