

Converting Colors

XYZ(59.7948, 45.1556, 50.7805)

Have a look what the booklet for
XYZ(59.7948, 45.1556, 50.7805)
contains.

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Color

**XYZ(59.8037, 45.0893,
50.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	FE92B8
RGB	254, 146, 184
RGB Percent	100%, 57%, 72%
CMY	0.0039, 0.4274, 0.2784
CMYK	0.00, 0.43, 0.28, 0.00
HSL	339°, 98%, 78%
HSV	339°, 43%, 100%
XYZ	59.8037, 45.0893, 50.8985
YIQ	182.6240, 52.1700, 34.7140

Conversions

Conversions Part 2

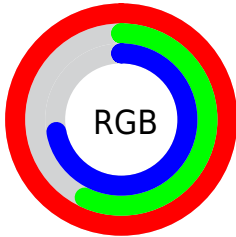
Format	Color
R _Y B	254, 146, 184
Decimal	16683704
CIE Lab	72.95, 45.04, -1.86
CIE LCh	73, 45.080, 357.641
Yxy	45.0893, 0.3839, 0.2894
Android (android.graphics.Color)	4294873784 (0xFFFE92B8)
YUV	182.6240, 0.6784, 62.5968
Hunter-Lab	67.1486, 41.4653, 2.0623

Details

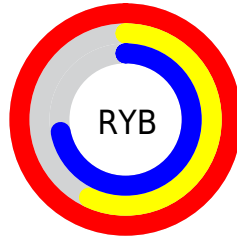
The XYZ color **59.8037, 45.0893, 50.8985** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6927, 81.9537, 77.6425**, and the grayscale version is **44.7815, 47.1137, 51.3068**.

A 20% lighter version of the original color is **78.0887, 69.7923, 91.7936**, and **30.5168, 21.0695, 23.9311** is the 20% darker color. If you saturate the color by 10%, you get **54.6877, 37.4602, 41.1683**, and if you desaturate by 10%, it is **65.9928, 54.5426, 61.9784**.

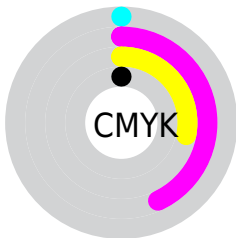
Distribution



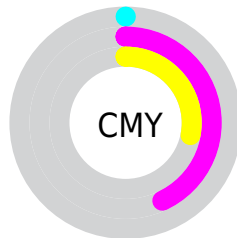
- Red (100%)
- Green (57%)
- Blue (72%)



- Red (100%)
- Yellow (57%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8037, 45.0893, 50.8985 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 59.8037, 45.0893, 50.8985 by changing the saturation by 10% instead.

 59.8037, 45.0893,
50.8985


 59.8037, 45.0893,
50.8985


413.7202,
367.1351, 407.0046

 43.5093, 31.5278,
35.7517

 103.6528, 82.8544,
92.9147

 30.4812, 21.0011,
23.9543

 131.9382,
107.8268, 120.6211

 20.3540, 13.1248,
15.0878


164.9514,
137.3715, 153.3512

 12.7624, 7.5145,
8.7337

203.0576,
171.8731, 191.5234

 7.3410, 3.7859,
4.4735

246.6222,
211.7158, 235.5563

 3.7245, 1.5545,
1.8885

296.0106,

 1.5475, 0.3267,

257.2841, 285.8684

0.4854

351.5882,
308.9624, 342.8784

■ 0.3578, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8037, 45.0893,
50.8985

■ 59.8037, 45.0893,
50.8985

■ 54.6877, 37.4602,
41.1683

■ 65.9928, 54.5426,
61.9784

■ 50.5759, 31.5294,
32.7295

■ 73.3107, 65.9218,
74.4573

■ 47.3970, 27.1654,
25.5231

■ 81.8136, 79.3291,
88.3851

■ 45.0678, 24.2142,
19.4834

■ 91.5527, 94.8574,
103.8083

■ 43.4887, 22.4899,
14.5367

94.6832, 99.8109,
108.8828

■ 42.6916, 21.7983,
11.4885

Harmonies

Analogous

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



56.9354, 45.0893, 76.1029



59.8037, 45.0893, 50.8985



57.6908, 45.0893, 31.6243

Triad

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



59.8037, 45.0893, 50.8985



36.2186, 45.0893, 19.8624



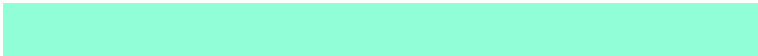
35.2637, 45.0893, 95.4961

Complementary

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



59.8037, 45.0893, 50.8985



59.6927, 81.9537, 77.6425

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.



30.8110, 45.0893, 72.0426



59.8037, 45.0893, 50.8985



31.3131, 45.0893, 29.3773

Square

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



59.8037, 45.0893, 50.8985



43.4814, 45.0893, 17.2987



29.4571, 45.0893, 47.3338



42.2367, 45.0893, 106.2986

Rectangle

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



59.8037, 45.0893, 50.8985



53.8695, 45.0893, 23.5494



29.4571, 45.0893, 47.3338



33.4563, 45.0893, 88.5367

Sweetspot

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



59.8050, 45.0915, 50.8994



82.1028, 79.3354, 88.4614



56.0186, 42.0725, 98.9346



17.1482, 16.3080, 18.2464



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.



59.8050, 45.0915, 50.8994



55.8898, 38.8436, 42.9322



58.7033, 48.4290, 33.4506



18.2733, 18.0926, 20.0562



22.5705, 11.5175, 6.3887



2.2471, 1.1412, 0.8827

Inverse Universe

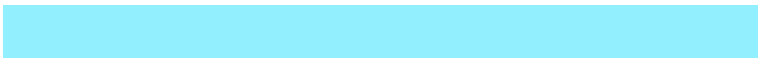
The Inverse Universe completely reimagines the original color for something new.



59.8050, 45.0915, 50.8994



55.8898, 38.8436, 42.9322



60.7876, 75.3531, 105.1071



18.2733, 18.0926, 20.0562



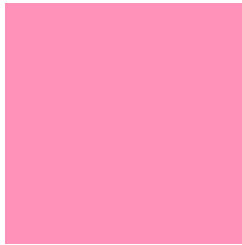
22.5705, 11.5175, 6.3887



2.2471, 1.1412, 0.8827

Previews

White Background



This preview shows how the XYZ color 59.8037, 45.0893, 50.8985 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 59.8037, 45.0893, 50.8985 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 59.8037, 45.0893, 50.8985

Background



This preview shows how black text looks on a background with the XYZ color 59.8037, 45.0893, 50.8985.



This preview shows how white text looks on a background with the XYZ color 59.8037, 45.0893,

50.8985.

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

59.8037, 45.0893, 50.8985

Protanopia

44.4987, 45.3144, 63.5280

Deuteranopia

46.2987, 45.3971, 48.9701



Tritanopia

57.4843, 45.0813, 39.3900

Trichromacy



Original Color

59.8037, 45.0893, 50.8985



Protanomaly

48.6161, 44.1410, 58.7810



Deuteranomaly

50.5294, 44.7925, 49.6987



Tritanomaly

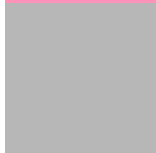
58.4169, 45.2421, 43.1898

Monochromacy



Original Color

59.8037, 45.0893, 50.8985



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.2165, 45.7237, 51.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8037, 45.0893, 50.8985 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(254, 146, 184)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 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(254, 146, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 184) }
```

Border

The CSS property to change the border of an element to XYZ 59.8037, 45.0893, 50.8985 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(254, 146, 184) }
```


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

```
.border{ border-color:rgb(254, 146, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 146, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 184);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8037, 45.0893, 50.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 146, 184) }
```

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

```
.background{ background-color: rgb(254,  
146, 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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