

Converting Colors

XYZ(66.0965, 48.4623, 48.6748)

Have a look what the booklet for
XYZ(66.0965, 48.4623, 48.6748)
contains.

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Color

**XYZ(59.6556, 45.0724,
48.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92B3
RGB	255, 146, 179
RGB Percent	100%, 57%, 70%
CMY	0.0000, 0.4274, 0.2980
CMYK	0.00, 0.43, 0.30, 0.00
HSL	342°, 100%, 79%
HSV	342°, 43%, 100%
XYZ	59.6556, 45.0724, 48.2035
YIQ	182.3530, 54.3710, 33.3710

Conversions

Conversions Part 2

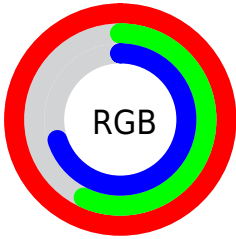
Format	Color
R _Y B	255, 146, 179
Decimal	16749235
CIE Lab	72.94, 44.74, 0.91
CIE LCh	73, 44.745, 1.171
Yxy	45.0724, 0.3901, 0.2947
Android (android.graphics.Color)	4294939315 (0xFFFF92B3)
YUV	182.3530, -1.6530, 63.7114
Hunter-Lab	67.1360, 41.1233, 4.4251

Details

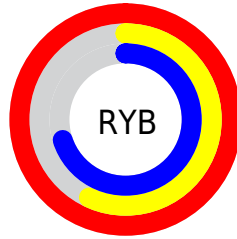
The XYZ color **59.6556, 45.0724, 48.2035** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8008, 82.9058, 81.9091**, and the grayscale version is **44.6449, 46.9699, 51.1502**.

A 20% lighter version of the original color is **77.3559, 69.4992, 87.9349**, and **30.4452, 21.0708, 22.2011** is the 20% darker color. If you saturate the color by 10%, you get **54.4700, 37.3961, 38.1675**, and if you desaturate by 10%, it is **65.9518, 54.5988, 59.7548**.

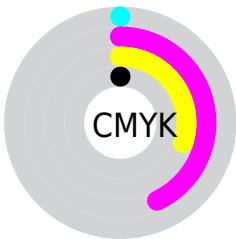
Distribution



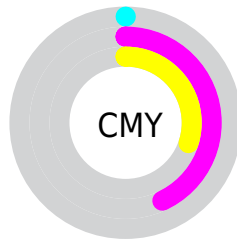
- Red (100%)
- Green (57%)
- Blue (70%)



- Red (100%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6556, 45.0724, 48.2035 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 59.6556, 45.0724, 48.2035 by changing the saturation by 10% instead.


 59.6556, 45.0724,
48.2035


 59.6556, 45.0724,
48.2035


413.1823,
367.0667, 396.1301

 43.3895, 31.5145,
33.6269


 103.4391, 82.8290,
88.8760

 30.3867, 20.9909,
22.3321


 131.6872,
107.7965, 115.8091

 20.2818, 13.1174,
13.9005


164.6600,
137.3360, 147.6980

 12.7095, 7.5094,
7.9135

202.7229,
171.8318, 184.9614

 7.3044, 3.7827,
3.9527

246.2412,
211.6684, 228.0177

 3.7012, 1.5527,
1.5994

295.5803,

 1.5345, 0.3254,

257.2302, 277.2856

0.2904

351.1056,
308.9015, 333.1836

■ 0.3492, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6556, 45.0724,
48.2035

■ 59.6556, 45.0724,
48.2035

■ 54.4700, 37.3961,
38.1675

■ 65.9518, 54.5988,
59.7548

■ 50.3241, 31.4421,
29.5781

■ 73.4173, 66.0793,
72.8806

■ 47.1433, 27.0764,
22.3650

■ 82.1103, 79.6178,
87.6397

■ 44.8412, 24.1420,
16.4499

■ 92.0842, 95.3088,
104.0873

■ 43.3142, 22.4491, 95.0500, 100.0000,
11.7449 108.9000

■ 42.5864, 21.7986,
9.0200

Harmonies

Analogous

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



57.3710, 45.0724, 72.8431



59.6556, 45.0724, 48.2035



56.9993, 45.0724, 30.0294

Triad

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



59.6556, 45.0724, 48.2035



35.5354, 45.0724, 20.7315



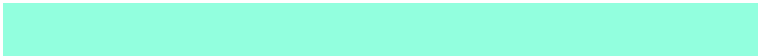
36.0062, 45.0724, 97.1530

Complementary

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



59.6556, 45.0724, 48.2035



60.8008, 82.9058, 81.9091

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.



31.2442, 45.0724, 74.8397



59.6556, 45.0724, 48.2035



30.9965, 45.0724, 31.1387

Square

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



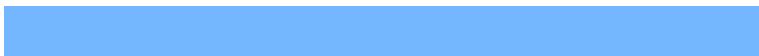
59.6556, 45.0724, 48.2035



42.5342, 45.0724, 17.4365



29.5245, 45.0724, 49.9593



43.1472, 45.0724, 105.7767

Rectangle

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



59.6556, 45.0724, 48.2035



52.9504, 45.0724, 22.6402



29.5245, 45.0724, 49.9593



34.1061, 45.0724, 90.7273

Sweetspot

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



59.6567, 45.0745, 48.2044



81.8706, 79.2426, 87.2387



57.9923, 43.0713, 99.8648



17.0914, 16.2852, 17.9468



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.



59.6567, 45.0745, 48.2044



55.2969, 38.6064, 39.8103



60.0630, 50.6039, 33.7987



18.2357, 18.0776, 19.8583



22.3098, 11.4132, 5.0161



2.2182, 1.1297, 0.7307

Inverse Universe

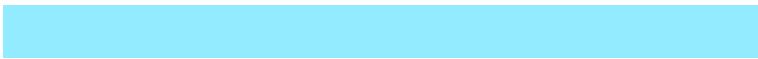
The Inverse Universe completely reimagines the original color for something new.



59.6567, 45.0745, 48.2044



55.2969, 38.6064, 39.8103



59.6187, 72.7585, 105.5093



18.2357, 18.0776, 19.8583



22.3098, 11.4132, 5.0161



2.2182, 1.1297, 0.7307

Previews

White Background



This preview shows how the XYZ color 59.6556, 45.0724, 48.2035 looks on a white background.

Color Contrast Check

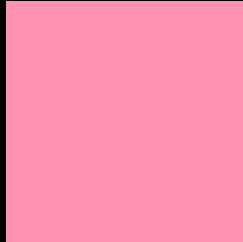
Large Text (above 18pt) WCAG AA × Fail

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 59.6556, 45.0724, 48.2035 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 59.6556, 45.0724, 48.2035

Background



This preview shows how black text looks on a background with the XYZ color 59.6556, 45.0724, 48.2035.



This preview shows how white text looks on a background with the XYZ color 59.6556, 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

59.6556, 45.0724, 48.2035

Protanopia

44.2449, 45.2651, 59.8312

Deuteranopia

46.3292, 45.4702, 46.3792



Tritanopia

57.6006, 44.9156, 38.8914

Trichromacy



Original Color

59.6556, 45.0724, 48.2035



Protanomaly

48.2170, 44.0132, 55.2443



Deuteranomaly

50.3253, 44.7456, 47.0586



Tritanomaly

58.4380, 45.0407, 42.1729

Monochromacy



Original Color

59.6556, 45.0724, 48.2035



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.8230, 45.2674, 49.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6556, 45.0724, 48.2035 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, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 179)  
}
```

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, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.6556, 45.0724, 48.2035 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, 146, 179) }
```


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

```
.border{ border-color:rgb(255, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6556, 45.0724, 48.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 179) }
```

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

```
.background{ background-color: rgb(255,  
146, 179) }
```

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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