

Converting Colors

XYZ(88.8134, 59.8475, 50.5236)

Have a look what the booklet for
XYZ(88.8134, 59.8475, 50.5236)
contains.

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Color

**XYZ(59.7059, 44.8470,
49.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91B5
RGB	255, 145, 181
RGB Percent	100%, 57%, 71%
CMY	0.0000, 0.4313, 0.2902
CMYK	0.00, 0.43, 0.29, 0.00
HSL	340°, 100%, 78%
HSV	340°, 43%, 100%
XYZ	59.7059, 44.8470, 49.2256
YIQ	181.9940, 54.0040, 34.5160

Conversions

Conversions Part 2

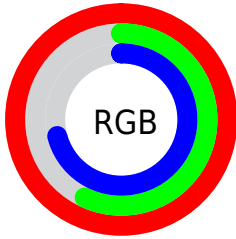
Format	Color
R _Y B	255, 145, 181
Decimal	16748981
CIE Lab	72.79, 45.50, -0.41
CIE LCh	73, 45.498, 359.482
Yxy	44.8470, 0.3883, 0.2916
Android (android.graphics.Color)	4294939061 (0xFFFF91B5)
YUV	181.9940, -0.4900, 64.0263
Hunter-Lab	66.9679, 41.9496, 3.2957

Details

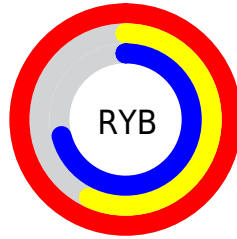
The XYZ color **59.7059, 44.8470, 49.2256** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2252, 82.6551, 79.8017**, and the grayscale version is **44.4434, 46.7579, 50.9193**.

A 20% lighter version of the original color is **77.4127, 69.1477, 89.3875**, and **30.4884, 20.9486, 22.8586** is the 20% darker color. If you saturate the color by 10%, you get **54.5842, 37.2494, 39.3619**, and if you desaturate by 10%, it is **65.9210, 54.2843, 60.5242**.

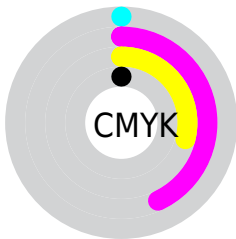
Distribution



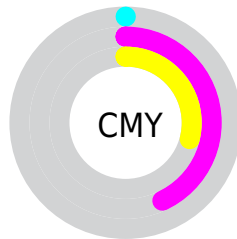
- Red (100%)
- Green (57%)
- Blue (71%)



- Red (100%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7059, 44.8470, 49.2256 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 59.7059, 44.8470, 49.2256 by changing the saturation by 10% instead.

 59.7059, 44.8470,
49.2256


 59.7059, 44.8470,
49.2256


413.3650,
366.1536, 400.2778

 43.4302, 31.3369,
34.4316


 103.5117, 82.4908,
90.4109

 30.4188, 20.8555,
22.9453


 131.7725,
107.3933, 117.6393

 20.3063, 13.0185,
14.3482


164.7590,
136.8620, 149.8495

 12.7275, 7.4413,
8.2217

202.8366,
171.2814, 187.4602

 7.3168, 3.7396,
4.1474

246.3707,
211.0359, 230.8898

 3.7091, 1.5290,
1.7065

295.7265,

 1.5389, 0.3090,

256.5098, 280.5569

0.3652

351.2695,
308.0876, 336.8800

■ 0.3521, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7059, 44.8470,
49.2256

■ 59.7059, 44.8470,
49.2256

■ 54.5842, 37.2494,
39.3619

■ 65.9210, 54.2843,
60.5242

■ 50.4855, 31.3635,
30.8694

■ 73.2873, 65.6653,
73.3122

■ 47.3360, 27.0551,
23.6830

■ 81.8624, 79.0938,
87.6443

■ 45.0499, 24.1666,
17.7305

■ 91.6990, 94.6642,
103.5714

■ 43.5242, 22.5071, 95.0500, 100.0000,
12.9303 108.9000

■ 42.8186, 21.8914,
10.2429

Harmonies

Analogous

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



57.1088, 44.8470, 74.4443



59.7059, 44.8470, 49.2256



57.2761, 44.8470, 30.3851

Triad

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



59.7059, 44.8470, 49.2256



35.5733, 44.8470, 19.8905



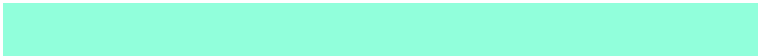
35.3626, 44.8470, 96.7593

Complementary

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



59.7059, 44.8470, 49.2256



60.2252, 82.6551, 79.8017

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.



30.7144, 44.8470, 73.5445



59.7059, 44.8470, 49.2256



30.8250, 44.8470, 29.8907

Square

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



59.7059, 44.8470, 49.2256



42.7634, 44.8470, 16.9515



29.1597, 44.8470, 48.4380



42.4884, 44.8470, 106.5868

Rectangle

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



59.7059, 44.8470, 49.2256



53.2848, 44.8470, 22.6480



29.1597, 44.8470, 48.4380



33.4923, 44.8470, 89.9690

Sweetspot

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



59.7070, 44.8491, 49.2265



81.9863, 79.2888, 87.8479



57.1904, 42.4301, 99.7833



17.1197, 16.2966, 18.0960



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.



59.7070, 44.8491, 49.2265



55.1126, 38.0231, 40.4109



59.5088, 49.6195, 33.2319



18.2544, 18.0851, 19.9570



22.4344, 11.4631, 5.6722



2.2322, 1.1353, 0.8042

Inverse Universe

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



59.7070, 44.8491, 49.2265



55.1126, 38.0231, 40.4109



59.9164, 73.6166, 105.6592



18.2544, 18.0851, 19.9570



22.4344, 11.4631, 5.6722



2.2322, 1.1353, 0.8042

Previews

White Background



This preview shows how the XYZ color 59.7059, 44.8470, 49.2256 looks on a white background.

Color Contrast Check

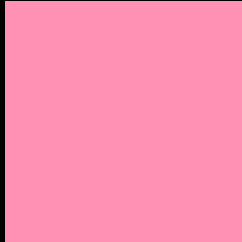
Large Text (above 18pt) WCAG AA × Fail

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 59.7059, 44.8470, 49.2256 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 59.7059, 44.8470, 49.2256

Background



This preview shows how black text looks on a background with the XYZ color 59.7059, 44.8470, 49.2256.



This preview shows how white text looks on a background with the XYZ color 59.7059, 44.8470,

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

59.7059, 44.8470, 49.2256

Protanopia

44.3675, 45.2879, 61.6614

Deuteranopia

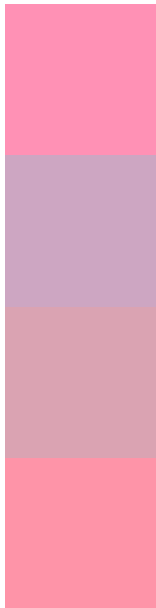
45.8060, 44.8920, 47.3251



Tritanopia

57.6006, 44.9156, 38.8914

Trichromacy



Original Color

59.7059, 44.8470, 49.2256

Protanomaly

48.5507, 44.1466, 57.0012

Deuteranomaly

50.0465, 44.3142, 48.0352

Tritanomaly

58.5308, 45.0778, 42.6618

Monochromacy



Original Color

59.7059, 44.8470, 49.2256

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

48.9260, 45.3086, 50.4227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7059, 44.8470, 49.2256 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, 145, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 181)  
}
```

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, 145, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.7059, 44.8470, 49.2256 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, 145, 181) }
```


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

```
.border{ border-color:rgb(255, 145, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7059, 44.8470, 49.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 181) }
```

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

```
.background{ background-color: rgb(255,  
145, 181) }
```

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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