

Converting Colors

XYZ(59.5618, 46.8969, 61.4085)

Have a look what the booklet for
XYZ(59.5618, 46.8969, 61.4085)
contains.

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Color

**XYZ(59.5722, 46.8928,
61.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	F49BC9
RGB	244, 155, 201
RGB Percent	96%, 61%, 79%
CMY	0.0431, 0.3921, 0.2118
CMYK	0.00, 0.36, 0.18, 0.04
HSL	329°, 80%, 78%
HSV	329°, 36%, 96%
XYZ	59.5722, 46.8928, 61.1698
YIQ	186.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

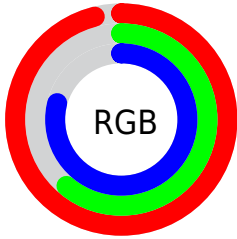
Format	Color
R_{YB}	244, 155, 201
Decimal	16030665
CIE _{Lab}	74.12, 39.44, -9.65
CIE _{LCh}	74, 40.605, 346.258
Yxy	46.8928, 0.3554, 0.2797
Android (android.graphics.Color)	4294220745 (0xFFFF49BC9)
YUV	186.8550, 6.9735, 50.1162
Hunter-Lab	68.4783, 35.4477, -5.0273

Details

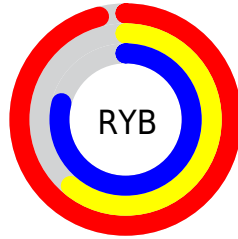
The XYZ color **59.5722, 46.8928, 61.1698** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0633, 75.7485, 65.0956**, and the grayscale version is **47.1004, 49.5533, 53.9635**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **30.2675, 22.0484, 30.2643** is the 20% darker color. If you saturate the color by 10%, you get **54.5803, 39.0435, 52.9241**, and if you desaturate by 10%, it is **65.4938, 56.4299, 70.2516**.

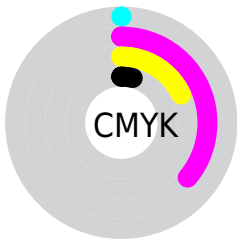
Distribution



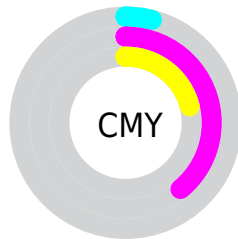
- Red (96%)
- Green (61%)
- Blue (79%)



- Red (96%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5722, 46.8928, 61.1698 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 59.5722, 46.8928, 61.1698 by changing the saturation by 10% instead.


 59.5722, 46.8928,
61.1698


 59.5722, 46.8928,
61.1698

412.8792,
374.3865, 446.8201

 43.3220, 32.9509,
43.9308

 103.3187, 85.5536,
108.0847

 30.3335, 22.0888,
30.2793


 131.5458,
111.0413, 138.5976

 20.2412, 13.9222,
19.7968


164.4959,
141.1464, 174.3723

 12.6798, 8.0666,
12.0648

202.5344,
176.2532, 215.8272

 7.2839, 4.1376,
6.6648

246.0266,
216.7463, 263.3808

 3.6882, 1.7508,
3.1781

295.3379,

 1.5273, 0.4562,

263.0099, 317.4519

1.1863

350.8336,
315.4285, 378.4588

■ 0.3443, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5722, 46.8928,
61.1698

■ 59.5722, 46.8928,
61.1698

■ 54.5803, 39.0435,
52.9241

■ 65.4938, 56.4299,
70.2516

■ 50.4617, 32.7750,
45.4825

■ 72.3887, 67.7402,
80.1939

■ 47.1605, 27.9783,
38.8148

■ 80.3027, 80.9112,
91.0235

■ 44.6115, 24.5276,
32.8865

■ 89.2775, 96.0226,
102.7649

■ 42.7391, 22.2759,
27.6595

■ 91.1185, 97.9732,
108.7160

■ 41.4490, 21.0389,
23.0886

■ 41.0813, 20.7424,
21.6132

Harmonies

Analogous

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



55.4497, 46.8928, 84.0367



59.5722, 46.8928, 61.1698



59.3797, 46.8928, 40.6518

Triad

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



59.5722, 46.8928, 61.1698



40.7706, 46.8928, 21.4647



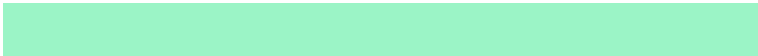
35.5880, 46.8928, 85.7808

Complementary

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



59.5722, 46.8928, 61.1698



56.0633, 75.7485, 65.0956

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.



32.4537, 46.8928, 63.1046



59.5722, 46.8928, 61.1698



35.2159, 46.8928, 28.0814

Square

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



59.5722, 46.8928, 61.1698



47.9736, 46.8928, 21.2105



32.3253, 46.8928, 42.1274



41.3317, 46.8928, 100.6466

Rectangle

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



59.5722, 46.8928, 61.1698



56.8173, 46.8928, 30.8549



32.3253, 46.8928, 42.1274



34.2230, 46.8928, 78.5794

Sweetspot

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



59.5736, 46.8950, 61.1707



84.6395, 82.5484, 95.0421



50.9564, 41.7842, 90.9681



17.8627, 17.2468, 19.9954



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.



59.5736, 46.8950, 61.1707



61.5502, 45.0520, 60.5797



55.2000, 45.1456, 38.1399



16.8567, 16.6256, 18.9922



22.4071, 11.3063, 12.1179



2.0213, 1.0145, 1.3386

Inverse Universe

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



59.5736, 46.8950, 61.1707



61.5502, 45.0520, 60.5797



61.7519, 78.0239, 95.0514



16.8567, 16.6256, 18.9922



22.4071, 11.3063, 12.1179



2.0213, 1.0145, 1.3386

Previews

White Background



This preview shows how the XYZ color 59.5722, 46.8928, 61.1698 looks on a white background.

Color Contrast Check

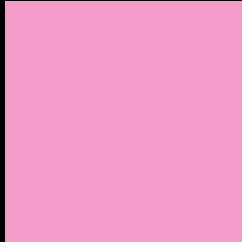
Large Text (above 18pt) WCAG AA × Fail

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 59.5722, 46.8928, 61.1698 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 59.5722, 46.8928, 61.1698

Background



This preview shows how black text looks on a background with the XYZ color 59.5722, 46.8928, 61.1698.



This preview shows how white text looks on a background with the XYZ color 59.5722, 46.8928,

61.1698.

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

59.5722, 46.8928, 61.1698

Protanopia

46.8580, 47.2237, 72.9751

Deuteranopia

48.0483, 46.9448, 59.3522



Tritanopia

56.2928, 46.8209, 45.1001

Trichromacy



Original Color

59.5722, 46.8928, 61.1698



Protanomaly

50.4556, 46.5379, 68.6108



Deuteranomaly

51.5324, 46.4502, 59.6758



Tritanomaly

57.3921, 46.7499, 50.7985

Monochromacy



Original Color

59.5722, 46.8928, 61.1698



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.8568, 47.8756, 56.4296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5722, 46.8928, 61.1698 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(244, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 155, 201)  
}
```

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(244, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 155, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.5722, 46.8928, 61.1698 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(244, 155, 201) }
```


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

```
.border{ border-color:rgb(244, 155, 201) }
```

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

Here you see how a box with a 4 pixel rgb(244, 155, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 155,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5722, 46.8928, 61.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 155, 201) }
```

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

```
.background{ background-color: rgb(244,  
155, 201) }
```

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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