

Converting Colors

XYZ(59.2051, 47.4725, 57.5365)

Have a look what the booklet for
XYZ(59.2051, 47.4725, 57.5365)
contains.

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Color

**XYZ(59.3854, 47.6269,
57.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	F49EC3
RGB	244, 158, 195
RGB Percent	96%, 62%, 76%
CMY	0.0431, 0.3804, 0.2353
CMYK	0.00, 0.35, 0.20, 0.04
HSL	334°, 80%, 79%
HSV	334°, 35%, 96%
XYZ	59.3854, 47.6269, 57.6927
YIQ	187.9320, 39.3790, 29.7390

Conversions

Conversions Part 2

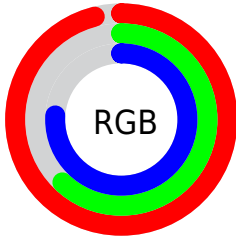
Format	Color
R_{YB}	244, 158, 195
Decimal	16031427
CIE _{Lab}	74.59, 36.98, -5.65
CIE _{LCh}	75, 37.408, 351.311
Yxy	47.6269, 0.3606, 0.2892
Android (android.graphics.Color)	4294221507 (0xFFFF49EC3)
YUV	187.9320, 3.4845, 49.1716
Hunter-Lab	69.0122, 32.8288, -1.2565

Details

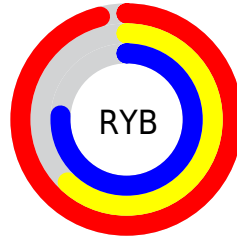
The XYZ color **59.3854, 47.6269, 57.6927** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.7158, 76.4767, 70.7546**, and the grayscale version is **47.7277, 50.2133, 54.6823**.

A 20% lighter version of the original color is **82.8573, 76.3814, 102.4715**, and **30.1090, 22.4653, 27.9486** is the 20% darker color. If you saturate the color by 10%, you get **54.1297, 39.5149, 48.5429**, and if you desaturate by 10%, it is **65.6164, 57.4544, 67.8908**.

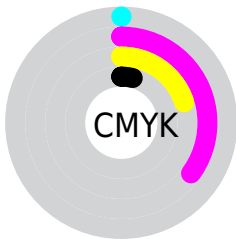
Distribution



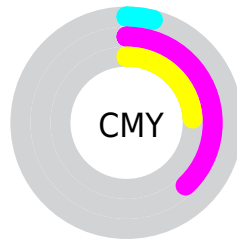
- Red (96%)
- Green (62%)
- Blue (76%)



- Red (96%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3854, 47.6269, 57.6927 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 59.3854, 47.6269, 57.6927 by changing the saturation by 10% instead.

 59.3854, 47.6269,
57.6927


 59.3854, 47.6269,
57.6927


412.1998,
377.3113, 433.6061

 43.1710, 33.5315,
41.1486


 103.0490, 86.6486,
102.9856

 30.2144, 22.5339,
28.1146


 131.2290,
112.3438, 132.5714

 20.1503, 14.2497,
18.1723


164.1281,
142.6743, 167.3416

 12.6132, 8.2946,
10.9030

202.1119,
178.0246, 207.7146

 7.2379, 4.2840,
5.8883

245.5456,
218.7790, 254.1090

 3.6590, 1.8337,
2.7096

294.7945,

 1.5111, 0.5080,

265.3221, 306.9434

0.9483

350.2242,
318.0380, 366.6362

■ 0.3334, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3854, 47.6269,
57.6927

■ 59.3854, 47.6269,
57.6927

■ 54.1297, 39.5149,
48.5429

■ 65.6164, 57.4544,
67.8908

■ 49.7922, 33.0117,
40.4012

■ 72.8676, 69.0823,
79.1695

■ 46.3156, 28.0092,
33.2286

■ 81.1859, 82.5980,
91.5631

■ 43.6343, 24.3831,
26.9818

■ 90.4202, 97.6939,
105.0388

■ 41.6723, 21.9884,
21.6128

■ 91.1185, 97.9732,
108.7160

■ 40.3366, 20.6473,
17.0669

■ 39.8567, 20.2525,
15.1648

Harmonies

Analogous

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



56.2015, 47.6269, 78.8100



59.3854, 47.6269, 57.6927



58.5026, 47.6269, 39.4604

Triad

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



59.3854, 47.6269, 57.6927



40.7023, 47.6269, 24.3141



37.6126, 47.6269, 86.7174

Complementary

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



59.3854, 47.6269, 57.6927



57.7158, 76.4767, 70.7546

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.



34.1968, 47.6269, 66.6122



59.3854, 47.6269, 57.6927



35.8532, 47.6269, 31.8793

Square

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



59.3854, 47.6269, 57.6927



47.2620, 47.6269, 23.0568



33.5864, 47.6269, 46.4298



43.3308, 47.6269, 98.0993

Rectangle

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



59.3854, 47.6269, 57.6927



55.7606, 47.6269, 30.9442



33.5864, 47.6269, 46.4298



36.1818, 47.6269, 80.5492

Sweetspot

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



59.3868, 47.6291, 57.6937



84.2779, 82.4038, 93.1382



54.2156, 44.2149, 91.2653



17.7766, 17.2124, 19.5423



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.



59.3868, 47.6291, 57.6937



61.5490, 46.3023, 56.7172



56.7093, 48.1596, 38.6573



16.7951, 16.6009, 18.6675



21.7372, 11.0383, 8.5902



1.9609, 0.9903, 1.0206

Inverse Universe

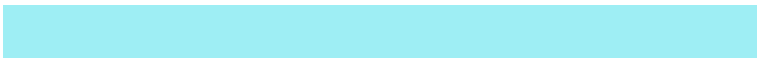
The Inverse Universe completely reimagines the original color for something new.



59.3868, 47.6291, 57.6937



61.5490, 46.3023, 56.7172



61.0835, 75.1065, 96.8660



16.7951, 16.6009, 18.6675



21.7372, 11.0383, 8.5902



1.9609, 0.9903, 1.0206

Previews

White Background



This preview shows how the XYZ color 59.3854, 47.6269, 57.6927 looks on a white background.

Color Contrast Check

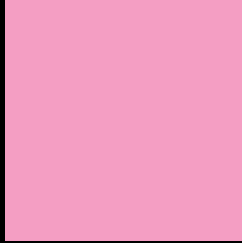
Large Text (above 18pt) WCAG AA × Fail

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 59.3854, 47.6269, 57.6927 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 59.3854, 47.6269, 57.6927

Background



This preview shows how black text looks on a background with the XYZ color 59.3854, 47.6269, 57.6927.



This preview shows how white text looks on a background with the XYZ color 59.3854, 47.6269,

57.6927.

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

59.3854, 47.6269, 57.6927

Protanopia

47.1568, 48.1038, 67.7723

Deuteranopia

48.6131, 47.6081, 55.9173



Tritanopia

57.1783, 47.7739, 46.2521

Trichromacy



Original Color

59.3854, 47.6269, 57.6927



Protanomaly

50.7841, 47.3764, 64.2256



Deuteranomaly

52.1017, 47.3787, 56.2681



Tritanomaly

58.1505, 47.9218, 50.4409

Monochromacy



Original Color

59.3854, 47.6269, 57.6927



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.1385, 48.6158, 55.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3854, 47.6269, 57.6927 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, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 158, 195)  
}
```

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, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 158, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.3854, 47.6269, 57.6927 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, 158, 195) }
```


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

```
.border{ border-color:rgb(244, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 158, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 158, 195); box-shadow:4px 4px 4px 4px rgb(244, 158, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3854, 47.6269, 57.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 158, 195) }
```

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

```
.background{ background-color: rgb(244,  
158, 195) }
```

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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