

Converting Colors

XYZ(59.4160, 46.9073, 63.0492)

Have a look what the booklet for
XYZ(59.4160, 46.9073, 63.0492)
contains.

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Color

**XYZ(59.4055, 47.0138,
63.0703)**

Conversions

Conversions Part 1

Format	Color
Hex	F29CCC
RGB	242, 156, 204
RGB Percent	95%, 61%, 80%
CMY	0.0510, 0.3882, 0.2000
CMYK	0.00, 0.36, 0.16, 0.05
HSL	327°, 77%, 78%
HSV	327°, 36%, 95%
XYZ	59.4055, 47.0138, 63.0703
YIQ	187.1860, 35.8480, 33.1600

Conversions

Conversions Part 2

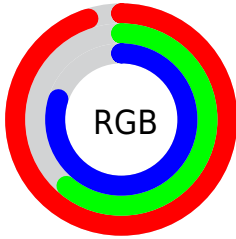
Format	Color
R _Y B	242, 156, 204
Decimal	15899852
CIE Lab	74.20, 38.71, -11.20
CIE LCh	74, 40.298, 343.857
Yxy	47.0138, 0.3505, 0.2774
Android (android.graphics.Color)	4294089932 (0xFFFF29CCC)
YUV	187.1860, 8.2893, 48.0719
Hunter-Lab	68.5666, 34.6592, -6.5407

Details

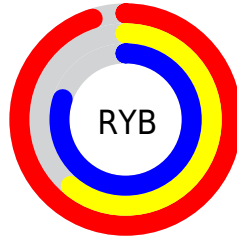
The XYZ color **59.4055, 47.0138, 63.0703** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.2021, 74.4686, 62.5067**, and the grayscale version is **47.2808, 49.7430, 54.1702**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **30.1224, 22.0929, 31.5309** is the 20% darker color. If you saturate the color by 10%, you get **54.5032, 39.1913, 55.3241**, and if you desaturate by 10%, it is **65.2076, 56.4937, 71.5520**.

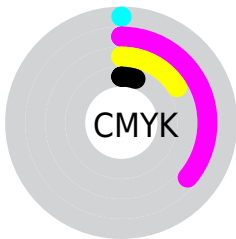
Distribution



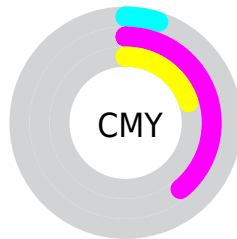
- Red (95%)
- Green (61%)
- Blue (80%)



- Red (95%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4055, 47.0138, 63.0703 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 59.4055, 47.0138, 63.0703 by changing the saturation by 10% instead.

59.4055, 47.0138,
63.0703

59.4055, 47.0138,
63.0703

412.2729,
374.8696, 453.9395

43.1873, 33.0466,
45.4567

103.0780, 85.7342,
110.8575

30.2272, 22.1621,
31.4718

131.2631,
111.2562, 141.8682

20.1601, 13.9761,
20.6969

164.1677,
141.3985, 178.1816

12.6204, 8.1040,
12.7135

202.1574,
176.5456, 220.2164

7.2429, 4.1616,
7.1032

245.5973,
217.0819, 268.3910

3.6621, 1.7644,
3.4473

294.8530,

1.5128, 0.4648,

263.3917, 323.1241

1.3273

350.2898,
315.8595, 384.8341

■ 0.3345, 0.0000,
0.0840

■ 0.0000, 0.0000,
0.0000

■ 59.4055, 47.0138,
63.0703

■ 59.4055, 47.0138,
63.0703

■ 54.5032, 39.1913,
55.3241

■ 65.2076, 56.4937,
71.5520

■ 50.4464, 32.9224,
48.2850

■ 71.9514, 67.7139,
80.7900

■ 47.1813, 28.1016,
41.9269

■ 79.6809, 80.7592,
90.8077

■ 44.6458, 24.6077,
36.2196

■ 88.4362, 95.7072,
101.6265

■ 42.7675, 22.2990,
31.1296

■ 90.4282, 97.6174,
108.6837

■ 41.4574, 21.0010,
26.6173

■ 40.9959, 20.6285,
24.7664

Harmonies

Analogous

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



55.0206, 47.0138, 85.5800



59.4055, 47.0138, 63.0703



59.5791, 47.0138, 42.2383

Triad

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



59.4055, 47.0138, 63.0703



41.4392, 47.0138, 21.4590



35.3961, 47.0138, 84.0090

Complementary

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



59.4055, 47.0138, 63.0703



55.2021, 74.4686, 62.5067

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.



32.5066, 47.0138, 61.3249



59.4055, 47.0138, 63.0703



35.7326, 47.0138, 27.5232

Square

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



59.4055, 47.0138, 63.0703



48.6608, 47.0138, 21.6898



32.6228, 47.0138, 40.9040



40.9322, 47.0138, 99.7199

Rectangle

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



59.4055, 47.0138, 63.0703



57.2458, 47.0138, 32.0661



32.6228, 47.0138, 40.9040



34.1111, 47.0138, 76.7155

Sweetspot

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



59.4069, 47.0160, 63.0713



84.8135, 82.6181, 95.9584



49.9779, 41.5628, 89.3933



17.9042, 17.2634, 20.2138



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.



59.4069, 47.0160, 63.0713



62.6262, 46.1008, 64.3393



55.0061, 45.2557, 39.8969



16.1422, 15.9066, 18.3049



22.0931, 11.1097, 13.6729



1.8879, 0.9442, 1.4006

Inverse Universe

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



59.4069, 47.0160, 63.0713



62.6262, 46.1008, 64.3393



60.6431, 76.6450, 91.1588



16.1422, 15.9066, 18.3049



22.0931, 11.1097, 13.6729



1.8879, 0.9442, 1.4006

Previews

White Background



This preview shows how the XYZ color 59.4055, 47.0138, 63.0703 looks on a white background.

Color Contrast Check

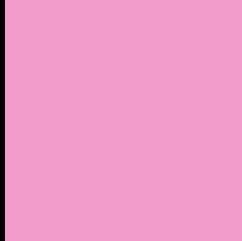
Large Text (above 18pt) WCAG AA × Fail

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 59.4055, 47.0138, 63.0703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

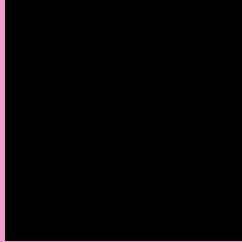
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4055, 47.0138, 63.0703

Background



This preview shows how black text looks on a background with the XYZ color 59.4055, 47.0138, 63.0703.



This preview shows how white text looks on a background with the XYZ color 59.4055, 47.0138,

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

59.4055, 47.0138, 63.0703

Protanopia

47.0306, 47.2669, 75.0513

Deuteranopia

48.3380, 47.3484, 61.2350



Tritanopia

56.1569, 47.2474, 46.2043

Trichromacy



Original Color

59.4055, 47.0138, 63.0703



Protanomaly

50.5715, 46.5535, 70.6103



Deuteranomaly

51.7813, 46.8154, 61.5654



Tritanomaly

57.2629, 47.1697, 51.9855

Monochromacy



Original Color

59.4055, 47.0138, 63.0703



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.8831, 48.1663, 57.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4055, 47.0138, 63.0703 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(242, 156, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 204)  
}
```

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(242, 156, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.4055, 47.0138, 63.0703 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(242, 156, 204) }
```


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

```
.border{ border-color:rgb(242, 156, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 156, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 156, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 156, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 156,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4055, 47.0138, 63.0703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 204) }
```

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

```
.background{ background-color: rgb(242,  
156, 204) }
```

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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