

Converting Colors

XYZ(47.2665, 38.8889, 59.4254)

Have a look what the booklet for
XYZ(47.2665, 38.8889, 59.4254)
contains.

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Color

**XYZ(47.3097, 38.9052,
59.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	D194C8
RGB	209, 148, 200
RGB Percent	82%, 58%, 78%
CMY	0.1804, 0.4196, 0.2157
CMYK	0.00, 0.29, 0.04, 0.18
HSL	309°, 40%, 70%
HSV	309°, 29%, 82%
XYZ	47.3097, 38.9052, 59.6596
YIQ	172.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

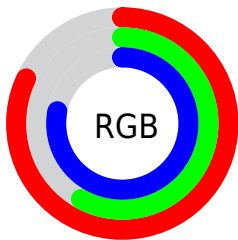
Format	Color
RYB	209, 148, 200
Decimal	13735112
CIELab	68.68, 31.24, -17.65
CIELCh	69, 35.886, 330.532
Yxy	38.9052, 0.3243, 0.2667
Android (android.graphics.Color)	4291925192 (0xFFD194C8)
YUV	172.1670, 13.7217, 32.3025
Hunter-Lab	62.3740, 26.2348, -13.0480

Details

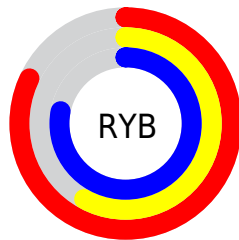
The XYZ color **47.3097, 38.9052, 59.6596** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.1005, 54.3323, 40.2214**, and the grayscale version is **39.2239, 41.2666, 44.9393**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **22.6976, 17.3111, 29.3392** is the 20% darker color. If you saturate the color by 10%, you get **43.9662, 32.7887, 56.7851**, and if you desaturate by 10%, it is **51.2547, 46.2118, 62.7713**.

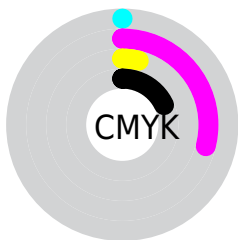
Distribution



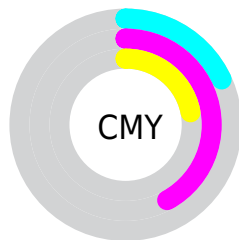
- Red (82%)
- Green (58%)
- Blue (78%)



- Red (82%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3097, 38.9052, 59.6596 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 47.3097, 38.9052, 59.6596 by changing the saturation by 10% instead.

■ 47.3097, 38.9052,
59.6596

■ 47.3097, 38.9052,
59.6596

366.6777,
341.4873, 441.1117

■ 33.4895, 26.6860,
42.7208

■ 85.3917, 73.4935,
105.8742

■ 22.6627, 17.3375,
29.3363

■ 110.3841, 96.6313,
135.9872

■ 14.4640, 10.4754,
19.0876

139.8315,
124.1775, 171.3286

■ 8.5279, 5.7153,
11.5562

174.0989,
156.5164, 212.3170

■ 4.4892, 2.6728,
6.3234

213.5519,
194.0325, 259.3710

■ 1.9824, 0.9634,
2.9707

258.5558,

■ 0.6241, 0.0000,

237.1100, 312.9091

1.0797

309.4759,
286.1335, 373.3498

■ 0.0000, 0.0000,
0.0000

■ 47.3097, 38.9052,
59.6596

■ 47.3097, 38.9052,
59.6596

■ 43.9662, 32.7887,
56.7851

■ 51.2547, 46.2118,
62.7713

■ 41.1888, 27.7933,
54.1346

■ 55.8271, 54.7624,
66.1278

■ 38.9437, 23.8511,
51.6969

■ 61.0558, 64.6135,
69.7393

■ 37.1922, 20.8845,
49.4590

■ 66.9666, 75.8171,
73.6147

■ 35.8900, 18.8053,
47.4059

■ 73.5839, 88.4220,
77.7623

■ 34.9851, 17.5093,
45.5201

■ 74.7758, 90.1639,
80.1383

■ 34.3908, 16.8235,
43.7724

■ 75.1845, 90.3273,
82.2903

■ 34.3470, 16.7764,
43.6330

■ 75.6007, 90.4938,
84.4821

■ 76.0245, 90.6633,
86.7139

Harmonies

Analogous

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



42.8003, 38.9052, 75.3632



47.3097, 38.9052, 59.6596



48.9915, 38.9052, 42.0717

Triad

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



47.3097, 38.9052, 59.6596



36.8770, 38.9052, 18.1748



28.3571, 38.9052, 60.2932

Complementary

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



47.3097, 38.9052, 59.6596



41.1005, 54.3323, 40.2214

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.



27.1093, 38.9052, 42.6519



47.3097, 38.9052, 59.6596



31.7096, 38.9052, 20.7507

Square

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



47.3097, 38.9052, 59.6596



42.6072, 38.9052, 20.5709



28.2723, 38.9052, 28.7784



31.8683, 38.9052, 75.7900

Rectangle

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



47.3097, 38.9052, 59.6596



48.1611, 38.9052, 32.3231



28.2723, 38.9052, 28.7784



27.6761, 38.9052, 54.2880

Sweetspot

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



47.3109, 38.9069, 59.6604



87.6202, 86.0052, 103.7574



35.8363, 32.8664, 64.7774



18.5146, 17.9587, 22.0371



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.



47.3109, 38.9069, 59.6604



70.8324, 54.8423, 90.7237



44.1762, 37.6531, 43.1534



12.2327, 11.9778, 14.5011



21.2058, 10.3552, 27.0536



1.2066, 0.5874, 1.6228

Inverse Universe

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



47.3109, 38.9069, 59.6604



70.8324, 54.8423, 90.7237



43.9450, 55.4701, 55.2002



12.2327, 11.9778, 14.5011



21.2058, 10.3552, 27.0536



1.2066, 0.5874, 1.6228

Previews

White Background



This preview shows how the XYZ color 47.3097, 38.9052, 59.6596 looks on a white background.

Color Contrast Check

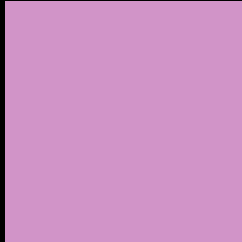
Large Text (above 18pt) WCAG AA × Fail

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 47.3097, 38.9052, 59.6596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

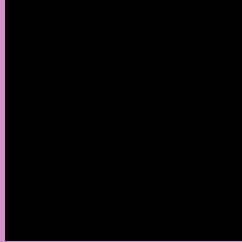
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3097, 38.9052, 59.6596

Background



This preview shows how black text looks on a background with the XYZ color 47.3097, 38.9052, 59.6596.



This preview shows how white text looks on a background with the XYZ color 47.3097, 38.9052,

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

47.3097, 38.9052, 59.6596

Protanopia

39.3568, 39.1445, 68.4321

Deuteranopia

39.9311, 39.1282, 58.2712



Tritanopia

43.6154, 38.8435, 41.2752

Trichromacy



Original Color

47.3097, 38.9052, 59.6596

Protanomaly

41.4625, 38.4643, 64.9136

Deuteranomaly

42.1871, 38.7213, 58.6765

Tritanomaly

44.7177, 38.7926, 47.2503

Monochromacy



Original Color

47.3097, 38.9052, 59.6596

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.5483, 39.8861, 49.7649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3097, 38.9052, 59.6596 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(209, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 200)  
}
```

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(209, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 200) }
```

Border

The CSS property to change the border of an element to XYZ 47.3097, 38.9052, 59.6596 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(209, 148, 200) }
```


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

```
.border{ border-color:rgb(209, 148, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3097, 38.9052, 59.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 200) }
```

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

```
.background{ background-color: rgb(209,  
148, 200) }
```

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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