

Converting Colors

XYZ(48.2925, 38.8462, 57.6317)

Have a look what the booklet for
XYZ(48.2925, 38.8462, 57.6317)
contains.

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Color

**XYZ(48.2278, 38.7291,
57.7569)**

Conversions

Conversions Part 1

Format	Color
Hex	D791C5
RGB	215, 145, 197
RGB Percent	84%, 57%, 77%
CMY	0.1569, 0.4314, 0.2274
CMYK	0.00, 0.33, 0.08, 0.16
HSL	315°, 47%, 71%
HSV	315°, 33%, 84%
XYZ	48.2278, 38.7291, 57.7569
YIQ	171.8580, 25.0280, 31.0120

Conversions

Conversions Part 2

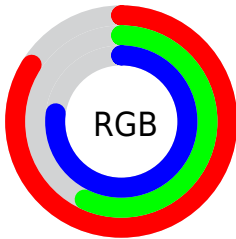
Format	Color
R_{YB}	215, 145, 197
Decimal	14127557
CIE _{Lab}	68.55, 34.34, -16.12
CIE _{LCh}	69, 37.935, 334.861
Yxy	38.7291, 0.3333, 0.2676
Android (android.graphics.Color)	4292317637 (0xFFD791C5)
YUV	171.8580, 12.3950, 37.8355
Hunter-Lab	62.2327, 29.4229, -11.4629

Details

The XYZ color **48.2278, 38.7291, 57.7569** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5900, 57.2662, 43.4616**, and the grayscale version is **39.0724, 41.1072, 44.7658**.

A 20% lighter version of the original color is **79.7837, 69.7243, 103.0190**, and **23.1704, 17.1828, 28.0820** is the 20% darker color. If you saturate the color by 10%, you get **44.6264, 32.5212, 53.4881**, and if you desaturate by 10%, it is **52.4764, 46.1931, 62.3570**.

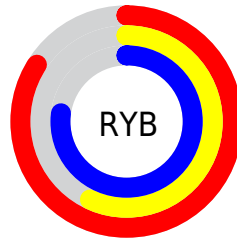
Distribution



Red (84%)

Green (57%)

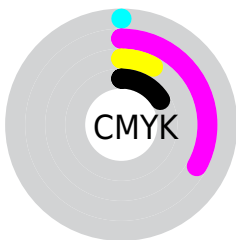
Blue (77%)



Red (84%)

Yellow (57%)

Blue (77%)

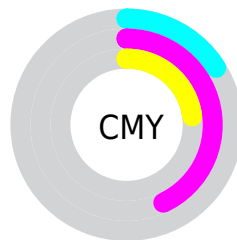


Cyan (0%)

Magenta (33%)

Yellow (8%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2278, 38.7291, 57.7569 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 48.2278, 38.7291, 57.7569 by changing the saturation by 10% instead.

■ 48.2278, 38.7291,
57.7569

■ 48.2278, 38.7291,
57.7569

370.2619,
340.7374, 433.8524

■ 34.2193, 26.5490,
41.1998

■ 86.7511, 73.2243,
103.0800

■ 23.2258, 17.2348,
28.1544

■ 111.9967, 96.3082,
132.6832

■ 14.8820, 10.4021,
18.2020

141.7186,
123.7956, 167.4721

■ 8.8224, 5.6663,
10.9242

176.2824,
156.0707, 207.8654

■ 4.6817, 2.6433,
5.9023

216.0532,
193.5181, 254.2815

■ 2.0945, 0.9485,
2.7180

261.3965,

■ 0.6862, 0.0000,

236.5221, 307.1390

0.9524

312.6776,
285.4670, 366.8565

0.0000, 0.0000,
0.0000

48.2278, 38.7291,
57.7569

48.2278, 38.7291,
57.7569

44.6264, 32.5212,
53.4881

52.4764, 46.1931,
62.3570

41.6334, 27.4937,
49.5350

57.4014, 54.9729,
67.2979

39.2109, 23.5709,
45.8844

63.0343, 65.1306,
72.5919

37.3154, 20.6663,
42.5205

69.4037, 76.7228,
78.2495

35.8969, 18.6800,
39.4252

76.5364, 89.8030,
84.2809

■ 34.8952, 17.4920,
36.5772

■ 78.0922, 91.6902,
88.5738

■ 34.3446, 16.9752,
34.5918

■ 78.8820, 92.0062,
92.7329

■ 79.6966, 92.3320,
97.0229

■ 80.5364, 92.6679,
101.4450

Harmonies

Analogous

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



43.7795, 38.7291, 75.3589



48.2278, 38.7291, 57.7569



49.4928, 38.7291, 39.4410

Triad

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



48.2278, 38.7291, 57.7569



35.8454, 38.7291, 17.1381



28.1618, 38.7291, 63.9229

Complementary

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



48.2278, 38.7291, 57.7569



42.5900, 57.2662, 43.4616

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.



26.5045, 38.7291, 45.0209



48.2278, 38.7291, 57.7569



30.6239, 38.7291, 20.5148

Square

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



48.2278, 38.7291, 57.7569



41.9130, 38.7291, 18.8372



27.3549, 38.7291, 29.6737



32.1406, 38.7291, 79.5418

Rectangle

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



48.2278, 38.7291, 57.7569



48.2560, 38.7291, 29.7885



27.3549, 38.7291, 29.6737



27.3355, 38.7291, 57.5785

Sweetspot

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



48.2290, 38.7308, 57.7577



86.4099, 84.3805, 100.9000



37.3950, 32.8930, 68.6688



18.2540, 17.6273, 21.3653



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.



48.2290, 38.7308, 57.7577



67.2554, 50.5671, 80.6562



44.7173, 37.3262, 39.2656



12.8103, 12.5756, 14.9411



20.5871, 10.1712, 20.9275



1.2745, 0.6266, 1.4347

Inverse Universe

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



48.2290, 38.7308, 57.7577



67.2554, 50.5671, 80.6562



46.1144, 58.6759, 62.0206



12.8103, 12.5756, 14.9411



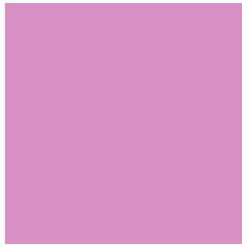
20.5871, 10.1712, 20.9275



1.2745, 0.6266, 1.4347

Previews

White Background



This preview shows how the XYZ color 48.2278, 38.7291, 57.7569 looks on a white background.

Color Contrast Check

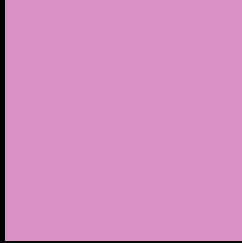
Large Text (above 18pt) WCAG AA × Fail

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 48.2278, 38.7291, 57.7569 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 48.2278, 38.7291, 57.7569

Background



This preview shows how black text looks on a background with the XYZ color 48.2278, 38.7291, 57.7569.



This preview shows how white text looks on a background with the XYZ color 48.2278, 38.7291,

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

48.2278, 38.7291, 57.7569

Protanopia

39.1044, 39.0435, 67.1031

Deuteranopia

39.6294, 38.7474, 56.4292



Tritanopia

44.5414, 38.6264, 39.7584

Trichromacy



Original Color

48.2278, 38.7291, 57.7569



Protanomaly

41.4989, 38.2571, 63.5896



Deuteranomaly

42.2323, 38.2819, 56.7930



Tritanomaly

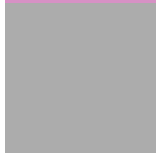
45.6367, 38.5871, 45.6002

Monochromacy



Original Color

48.2278, 38.7291, 57.7569



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

41.9999, 39.8682, 49.1978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2278, 38.7291, 57.7569 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(215, 145, 197) looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 197)  
}
```

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(215, 145, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.2278, 38.7291, 57.7569 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(215, 145, 197) }
```


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

```
.border{ border-color:rgb(215, 145, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 197);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2278, 38.7291, 57.7569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 197) }
```

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

```
.background{ background-color: rgb(215,  
145, 197) }
```

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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