

Converting Colors

XYZ(47.1621, 38.3534, 57.2337)

Have a look what the booklet for
XYZ(47.1621, 38.3534, 57.2337)
contains.

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Color

**XYZ(47.1067, 38.3922,
57.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	D392C4
RGB	211, 146, 196
RGB Percent	83%, 57%, 77%
CMY	0.1725, 0.4274, 0.2314
CMYK	0.00, 0.31, 0.07, 0.17
HSL	314°, 42%, 70%
HSV	314°, 31%, 83%
XYZ	47.1067, 38.3922, 57.1522
YIQ	171.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

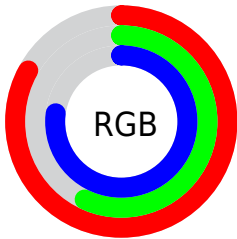
Format	Color
R _Y B	211, 146, 196
Decimal	13865668
CIE Lab	68.31, 32.29, -15.97
CIE LCh	68, 36.022, 333.679
Yxy	38.3922, 0.3302, 0.2691
Android (android.graphics.Color)	4292055748 (0xFFD392C4)
YUV	171.1350, 12.2584, 34.9616
Hunter-Lab	61.9614, 27.2736, -11.3151

Details

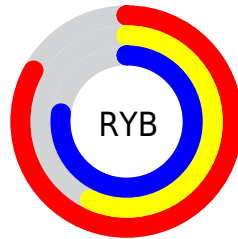
The XYZ color **47.1067, 38.3922, 57.1522** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.5830, 55.2740, 42.1979**, and the grayscale version is **38.7099, 40.7258, 44.3504**.

A 20% lighter version of the original color is **79.8563, 70.1251, 102.2551**, and **22.4028, 16.9270, 27.6777** is the 20% darker color. If you saturate the color by 10%, you get **43.6043, 32.2596, 53.2945**, and if you desaturate by 10%, it is **51.2297, 45.7360, 61.3064**.

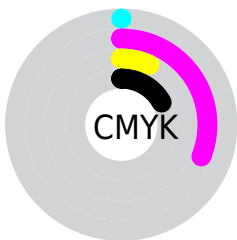
Distribution



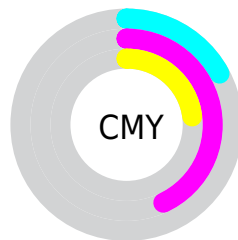
- Red (83%)
- Green (57%)
- Blue (77%)



- Red (83%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1067, 38.3922, 57.1522 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 47.1067, 38.3922, 57.1522 by changing the saturation by 10% instead.

 47.1067, 38.3922,
57.1522


 47.1067, 38.3922,
57.1522


365.8821,
339.2994, 431.5291

 33.3283, 26.2872,
40.7173

 85.0906, 72.7089,
102.1898

 22.5385, 17.0386,
27.7802


 110.0269, 95.6894,
131.6295

 14.3719, 10.2620,
17.9224


139.4132,
123.0638, 166.2412

 8.4632, 5.5730,
10.7255

173.6148,
155.2167, 206.4435

 4.4470, 2.5872,
5.7707

212.9972,
192.5322, 252.6549

 1.9580, 0.9203,
2.6396

257.9256,

 0.6102, 0.0000,

235.3950, 305.2940

0.9128

308.7654,
284.1892, 364.7792

■ 0.0000, 0.0000,
0.0000

■ 47.1067, 38.3922,
57.1522

■ 47.1067, 38.3922,
57.1522

■ 43.6043, 32.2596,
53.2945

■ 51.2297, 45.7360,
61.3064

■ 40.6858, 27.2667,
49.7190

■ 56.0004, 54.3469,
65.7656

■ 38.3158, 23.3428,
46.4134


■ 61.4488, 64.2836,
70.5411


■ 36.4538, 20.4068,
43.3634


■ 67.6015, 75.5996,
75.6427


■ 35.0533, 18.3661,
40.5526

■ 74.4842, 88.3455,
81.0795


 34.0591, 17.1106,
37.9617

 76.2448, 90.8172,
84.9017

 33.4130, 16.4686,
35.7423

 76.9197, 91.0872,
88.4555

 77.6136, 91.3648,
92.1099

 78.3269, 91.6501,
95.8659

Harmonies

Analogous

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



42.8449, 38.3922, 73.3639



47.1067, 38.3922, 57.1522



48.4262, 38.3922, 39.8402

Triad

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



47.1067, 38.3922, 57.1522



35.7988, 38.3922, 17.8265



28.1849, 38.3922, 61.5128

Complementary

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



47.1067, 38.3922, 57.1522



41.5830, 55.2740, 42.1979

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.



26.6975, 38.3922, 43.8283



47.1067, 38.3922, 57.1522



30.7979, 38.3922, 20.9076

Square

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



47.1067, 38.3922, 57.1522



41.5168, 38.3922, 19.6763



27.6029, 38.3922, 29.4813



31.8874, 38.3922, 76.3033

Rectangle

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



47.1067, 38.3922, 57.1522



47.3579, 38.3922, 30.5226



27.6029, 38.3922, 29.4813



27.4277, 38.3922, 55.5668

Sweetspot

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



47.1079, 38.3939, 57.1530



87.3195, 85.8849, 102.1741



36.5524, 32.7451, 66.0227



18.4401, 17.9289, 21.6449



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.



47.1079, 38.3939, 57.1530



68.6640, 52.5237, 83.7787



43.8829, 37.1039, 40.1703



12.1892, 11.9604, 14.2722



20.2054, 9.9550, 21.7856



1.1589, 0.5683, 1.3716

Inverse Universe

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



47.1079, 38.3939, 57.1530



68.6640, 52.5237, 83.7787



44.7290, 56.5324, 58.7644



12.1892, 11.9604, 14.2722



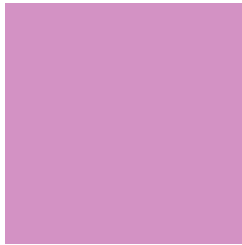
20.2054, 9.9550, 21.7856



1.1589, 0.5683, 1.3716

Previews

White Background



This preview shows how the XYZ color 47.1067, 38.3922, 57.1522 looks on a white background.

Color Contrast Check

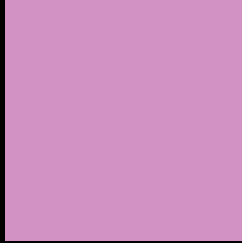
Large Text (above 18pt) WCAG AA × Fail

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 47.1067, 38.3922, 57.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

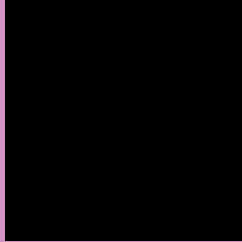
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1067, 38.3922, 57.1522

Background



This preview shows how black text looks on a background with the XYZ color 47.1067, 38.3922, 57.1522.



This preview shows how white text looks on a background with the XYZ color 47.1067, 38.3922,

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

47.1067, 38.3922, 57.1522

Protanopia

38.6741, 38.5816, 65.7303

Deuteranopia

39.5174, 38.7026, 55.8396



Tritanopia

43.6612, 38.4022, 40.2331

Trichromacy



Original Color

47.1067, 38.3922, 57.1522

Protanomaly

41.0304, 38.0435, 62.3073

Deuteranomaly

42.0443, 38.4481, 56.2442

Tritanomaly

44.7552, 38.3572, 46.1191

Monochromacy



Original Color

47.1067, 38.3922, 57.1522

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.4082, 39.5751, 48.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1067, 38.3922, 57.1522 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(211, 146, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 196)  
}
```

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(211, 146, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.1067, 38.3922, 57.1522 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(211, 146, 196) }
```


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

```
.border{ border-color:rgb(211, 146, 196) }
```

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

Here you see how a box with a 4 pixel rgb(211, 146, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1067, 38.3922, 57.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 196) }
```

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

```
.background{ background-color: rgb(211,  
146, 196) }
```

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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