

Converting Colors

XYZ(47.0863, 38.0890, 55.9685)

Have a look what the booklet for
XYZ(47.0863, 38.0890, 55.9685)
contains.

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Color

**XYZ(47.0144, 38.1429,
55.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	D491C2
RGB	212, 145, 194
RGB Percent	83%, 57%, 76%
CMY	0.1686, 0.4314, 0.2392
CMYK	0.00, 0.32, 0.08, 0.17
HSL	316°, 44%, 70%
HSV	316°, 32%, 83%
XYZ	47.0144, 38.1429, 55.9233
YIQ	170.6190, 24.2030, 29.4430

Conversions

Conversions Part 2

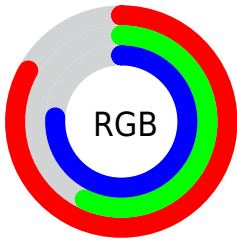
Format	Color
RYB	212, 145, 194
Decimal	13930946
CIELab	68.13, 32.82, -15.12
CIELCh	68, 36.134, 335.258
Yxy	38.1429, 0.3332, 0.2704
Android (android.graphics.Color)	4292121026 (0xFFD491C2)
YUV	170.6190, 11.5268, 36.2911
Hunter-Lab	61.7599, 27.8022, -10.4548

Details

The XYZ color **47.0144, 38.1429, 55.9233** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.8330, 55.7522, 43.2092**, and the grayscale version is **38.4543, 40.4569, 44.0576**.

A 20% lighter version of the original color is **79.3069, 69.5336, 100.5082**, and **22.3583, 16.7901, 26.8733** is the 20% darker color. If you saturate the color by 10%, you get **43.4449, 32.0077, 51.6378**, and if you desaturate by 10%, it is **51.2151, 45.5003, 60.5411**.

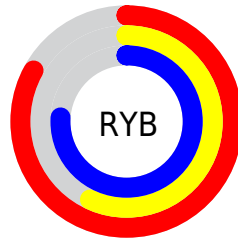
Distribution



Red (83%)

Green (57%)

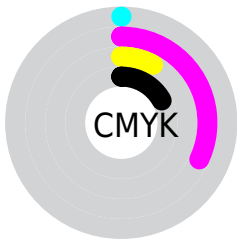
Blue (76%)



Red (83%)

Yellow (57%)

Blue (76%)

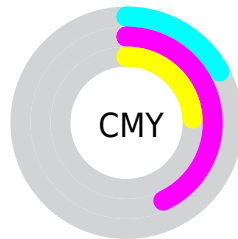


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (43%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0144, 38.1429, 55.9233 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 47.0144, 38.1429, 55.9233 by changing the saturation by 10% instead.


 47.0144, 38.1429,
55.9233

 47.0144, 38.1429,
55.9233


365.5200,
338.2326, 426.7826

 33.2550, 26.0936,
39.7378

 84.9537, 72.3271,
100.3771

 22.4821, 16.8937,
27.0220


 109.8644, 95.2308,
129.4825

 14.3301, 10.1587,
17.3571


139.2229,
122.5215, 163.7317

 8.4339, 5.5043,
10.3248

173.3945,
154.5835, 203.5432

 4.4279, 2.5461,
5.5064

212.7447,
191.8012, 249.3354

 1.9470, 0.8996,
2.4835

257.6388,

 0.6039, 0.0000,

234.5590, 301.5271

0.8314

308.4421,
283.2413, 360.5366

■ 0.0000, 0.0000,
0.0000

■ 47.0144, 38.1429,
55.9233

■ 47.0144, 38.1429,
55.9233

■ 43.4449, 32.0077,
51.6378

■ 51.2151, 45.5003,
60.5411

■ 40.4693, 27.0219,
47.6694

■ 56.0750, 54.1368,
65.5005

■ 38.0514, 23.1133,
44.0053

■ 61.6244, 64.1123,
70.8133

■ 36.1497, 20.1990,
40.6301

■ 67.8908, 75.4812,
76.4900

■ 34.7164, 18.1842,
37.5266

■ 74.9000, 88.2948,
82.5404

■ 33.6947, 16.9555,
34.6744

■ 76.9398, 91.1285,
87.0618

■ 33.0716, 16.3652,
32.4443

■ 77.7447, 91.4504,
91.3001

■ 78.5758, 91.7829,
95.6769

■ 79.4335, 92.1259,
100.1935

Harmonies

Analogous

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



42.8768, 38.1429, 72.3816



47.0144, 38.1429, 55.9233



48.1523, 38.1429, 38.7509

Triad

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



47.0144, 38.1429, 55.9233



35.2695, 38.1429, 17.6563



28.1045, 38.1429, 62.1491

Complementary

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



47.0144, 38.1429, 55.9233



41.8330, 55.7522, 43.2092

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.



26.4969, 38.1429, 44.4412



47.0144, 38.1429, 55.9233



30.3503, 38.1429, 20.9922

Square

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



47.0144, 38.1429, 55.9233



40.9814, 38.1429, 19.2384



27.2746, 38.1429, 29.8479



31.9043, 38.1429, 76.5799

Rectangle

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



47.0144, 38.1429, 55.9233



46.9653, 38.1429, 29.6448



27.2746, 38.1429, 29.8479



27.3088, 38.1429, 56.2333

Sweetspot

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



47.0156, 38.1446, 55.9241



87.1837, 85.8306, 101.4586



37.0877, 32.7787, 66.6603



18.4065, 17.9155, 21.4679



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.



47.0156, 38.1446, 55.9241



67.6219, 51.4031, 80.4611



43.6789, 36.8100, 38.3537



12.8040, 12.5731, 14.9080



20.4602, 10.1204, 20.2593



1.2677, 0.6239, 1.3990

Inverse Universe

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



47.0156, 38.1446, 55.9241



67.6219, 51.4031, 80.4611



45.2275, 57.1100, 61.0844



12.8040, 12.5731, 14.9080



20.4602, 10.1204, 20.2593



1.2677, 0.6239, 1.3990

Previews

White Background



This preview shows how the XYZ color 47.0144, 38.1429, 55.9233 looks on a white background.

Color Contrast Check

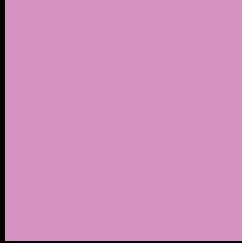
Large Text (above 18pt) WCAG AA × Fail

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 47.0144, 38.1429, 55.9233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

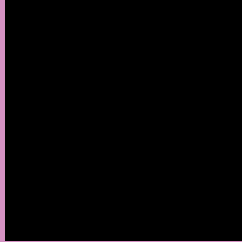
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0144, 38.1429, 55.9233

Background



This preview shows how black text looks on a background with the XYZ color 47.0144, 38.1429, 55.9233.



This preview shows how white text looks on a background with the XYZ color 47.0144, 38.1429,

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

47.0144, 38.1429, 55.9233

Protanopia

38.4279, 38.4832, 64.4341

Deuteranopia

39.1189, 38.2602, 54.6134



Tritanopia

43.6006, 38.1517, 39.2484

Trichromacy



Original Color

47.0144, 38.1429, 55.9233



Protanomaly

40.7920, 37.9481, 61.0519



Deuteranomaly

41.6526, 38.0218, 55.0128



Tritanomaly

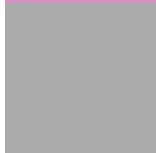
44.6819, 38.1062, 45.0446

Monochromacy



Original Color

47.0144, 38.1429, 55.9233



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

41.3067, 39.5344, 48.1016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0144, 38.1429, 55.9233 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(212, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 194)  
}
```

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(212, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.0144, 38.1429, 55.9233 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(212, 145, 194) }
```


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

```
.border{ border-color:rgb(212, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0144, 38.1429, 55.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 194) }
```

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

```
.background{ background-color: rgb(212,  
145, 194) }
```

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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