

Converting Colors

XYZ(48.1423, 38.7394, 66.5124)

Have a look what the booklet for
XYZ(48.1423, 38.7394, 66.5124)
contains.

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Color

**XYZ(48.0492, 38.6708,
66.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	D092D3
RGB	208, 146, 211
RGB Percent	82%, 57%, 83%
CMY	0.1843, 0.4274, 0.1725
CMYK	0.01, 0.31, 0.00, 0.17
HSL	297°, 42%, 70%
HSV	297°, 31%, 83%
XYZ	48.0492, 38.6708, 66.5598
YIQ	171.9480, 16.0870, 33.3590

Conversions

Conversions Part 2

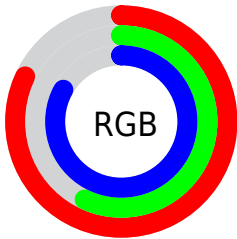
Format	Color
R_{YB}	208, 146, 211
Decimal	13669075
CIE _{Lab}	68.51, 34.03, -24.03
CIE _{LCh}	69, 41.659, 324.776
Yxy	38.6708, 0.3135, 0.2523
Android (android.graphics.Color)	4291859155 (0xFFD092D3)
YUV	171.9480, 19.2526, 31.6176
Hunter-Lab	62.1859, 29.0965, -19.9302

Details

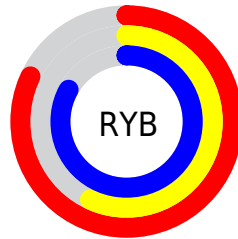
The XYZ color **48.0492, 38.6708, 66.5598** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.8783, 55.0544, 35.6680**, and the grayscale version is **39.0875, 41.1231, 44.7830**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **23.1403, 17.1780, 33.5485** is the 20% darker color. If you saturate the color by 10%, you get **44.8194, 32.6157, 65.5618**, and if you desaturate by 10%, it is **51.8834, 45.9307, 67.7596**.

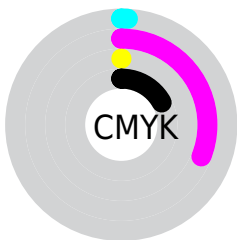
Distribution



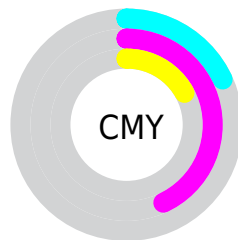
- Red (82%)
- Green (57%)
- Blue (83%)



- Red (82%)
- Yellow (57%)
- Blue (83%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)





- Cyan (18%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0492, 38.6708, 66.5598 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 48.0492, 38.6708, 66.5598 by changing the saturation by 10% instead.


 48.0492, 38.6708,
66.5598


 48.0492, 38.6708,
66.5598


369.5665,
340.4888, 466.8350

 34.0773, 26.5037,
48.2676


 86.4869, 73.1351,
115.9241

 23.1161, 17.2009,
33.6774


 111.6834, 96.2012,
147.8333

 14.8004, 10.3778,
22.3705


141.3521,
123.6690, 185.1185

 8.7649, 5.6502,
13.9285

175.8584,
155.9231, 228.1984

 4.6440, 2.6335,
7.9328

215.5676,
193.3477, 277.4915

 2.0725, 0.9436,
3.9648

260.8451,

 0.6742, 0.0000,

236.3272, 333.4162

1.6061

312.0563,
285.2462, 396.3912

■ 0.0000, 0.0000,
0.2951

■ 0.0000, 0.0000,
0.0000

■ 48.0492, 38.6708,
66.5598

■ 48.0492, 38.6708,
66.5598

■ 44.8194, 32.6157,
65.5618

■ 51.8834, 45.9307,
67.7596

■ 42.1573, 27.6940,
64.7522

■ 56.3488, 54.4513,
69.1689

■ 40.0277, 23.8351,
64.1196

■ 61.4751, 64.2913,
70.7980

■ 38.3903, 20.9580,
63.6505

■ 67.2891, 75.5041,
72.6559

37.1987, 18.9702,
63.3296

73.8160, 88.1402,
74.7509

36.3980, 17.7615,
63.1386

75.2040, 90.4958,
75.1324

35.9164, 17.1573,
63.0473

75.4887, 90.6426,
75.1457

75.7752, 90.7903,
75.1591

76.0634, 90.9389,
75.1726

Harmonies

Analogous

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



42.2974, 38.6708, 84.1452



48.0492, 38.6708, 66.5598



50.7978, 38.6708, 45.4805

Triad

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



48.0492, 38.6708, 66.5598



37.9156, 38.6708, 15.4090



26.4536, 38.6708, 59.1266

Complementary

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



48.0492, 38.6708, 66.5598



40.8783, 55.0544, 35.6680

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.



25.5734, 38.6708, 38.9026



48.0492, 38.6708, 66.5598



31.7200, 38.6708, 17.0908

Square

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



48.0492, 38.6708, 66.5598



44.5190, 38.6708, 18.9575



27.3864, 38.6708, 24.5219



29.9514, 38.6708, 79.0353

Rectangle

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



48.0492, 38.6708, 66.5598



50.3467, 38.6708, 33.5504



27.3864, 38.6708, 24.5219



25.8608, 38.6708, 52.0047

Sweetspot

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



48.0504, 38.6725, 66.5606



87.7721, 86.0211, 106.5854



34.4006, 32.3901, 66.0674



18.5522, 17.9626, 22.7393



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.



48.0504, 38.6725, 66.5606



70.3900, 53.0311, 101.1338



45.5618, 37.7754, 49.0120



12.2546, 11.9801, 14.9102



21.7000, 10.3670, 38.0498



1.2303, 0.5884, 2.1283

Inverse Universe

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



42.5690, 36.5782, 33.2521



60.7157, 49.3443, 41.9235



42.9121, 55.8055, 49.1976



11.8305, 11.8170, 12.3834



16.2549, 8.3748, 0.9828



0.9168, 0.4714, 0.0967

Previews

White Background



This preview shows how the XYZ color 48.0492, 38.6708, 66.5598 looks on a white background.

Color Contrast Check

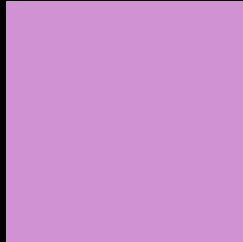
Large Text (above 18pt) WCAG AA × Fail

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 48.0492, 38.6708, 66.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

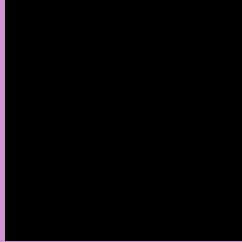
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0492, 38.6708, 66.5598

Background



This preview shows how black text looks on a background with the XYZ color 48.0492, 38.6708, 66.5598.



This preview shows how white text looks on a background with the XYZ color 48.0492, 38.6708,

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

48.0492, 38.6708, 66.5598

Protanopia

39.6234, 38.8305, 76.6408

Deuteranopia

39.7649, 38.8915, 65.0855



Tritanopia

43.0535, 38.7893, 41.7771

Trichromacy



Original Color

48.0492, 38.6708, 66.5598

Protanomaly

41.9397, 38.2790, 72.8883

Deuteranomaly

42.1560, 38.3011, 65.4926

Tritanomaly

44.6773, 38.7127, 49.9173

Monochromacy



Original Color

48.0492, 38.6708, 66.5598

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.9677, 40.0538, 51.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0492, 38.6708, 66.5598 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(208, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(208, 146, 211)  
}
```

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(208, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 146, 211) }
```

Border

The CSS property to change the border of an element to XYZ 48.0492, 38.6708, 66.5598 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(208, 146, 211) }
```


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

```
.border{ border-color:rgb(208, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(208, 146,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0492, 38.6708, 66.5598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 146, 211) }
```

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

```
.background{ background-color: rgb(208,  
146, 211) }
```

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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