

Converting Colors

XYZ(48.9428, 39.0919, 66.7011)

Have a look what the booklet for
XYZ(48.9428, 39.0919, 66.7011)
contains.

XYZ(48.9007, 39.1098, 66.5996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.9007, 39.1098,
66.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	D392D3
RGB	211, 146, 211
RGB Percent	83%, 57%, 83%
CMY	0.1725, 0.4274, 0.1725
CMYK	0.00, 0.31, 0.00, 0.17
HSL	300°, 42%, 70%
HSV	300°, 31%, 83%
XYZ	48.9007, 39.1098, 66.5996
YIQ	172.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

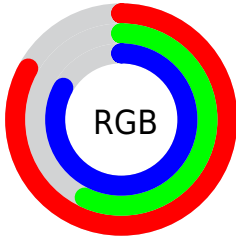
Format	Color
R_{YB}	211, 146, 211
Decimal	13865683
CIE _{Lab}	68.83, 35.00, -23.51
CIE _{LCh}	69, 42.162, 326.105
Yxy	39.1098, 0.3163, 0.2530
Android (android.graphics.Color)	4292055763 (0xFFD392D3)
YUV	172.8450, 18.8104, 33.4619
Hunter-Lab	62.5378, 30.1347, -19.3643

Details

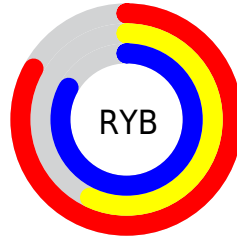
The XYZ color **48.9007, 39.1098, 66.5996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3382, 54.7761, 35.6431**, and the grayscale version is **39.5435, 41.6028, 45.3055**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **23.5210, 17.3743, 33.5664** is the 20% darker color. If you saturate the color by 10%, you get **45.9439, 33.1954, 65.6143**, and if you desaturate by 10%, it is **52.4603, 46.2282, 67.7866**.

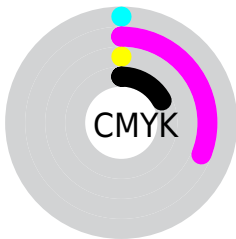
Distribution



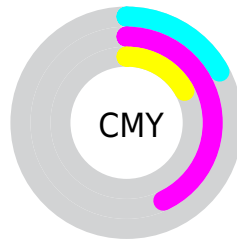
- Red (83%)
- Green (57%)
- Blue (83%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9007, 39.1098, 66.5996 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 48.9007, 39.1098, 66.5996 by changing the saturation by 10% instead.


 48.9007, 39.1098,
66.5996

 48.9007, 39.1098,
66.5996


372.8747,
342.3571, 466.9808

 34.7549, 26.8452,
48.2998

 87.7456, 73.8060,
115.9817

 23.6398, 17.4570,
33.7027


 113.1754, 97.0064,
147.9010

 15.1899, 10.5608,
22.3898


143.0972,
124.6208, 185.1972

 9.0400, 5.7724,
13.9425

177.8765,
157.0336, 228.2889

 4.8246, 2.7072,
7.9424

217.8785,
194.6293, 277.5946

 2.1784, 0.9808,
3.9709

263.4686,

 0.7313, 0.0000,

237.7921, 333.5327

1.6094

315.0123,
286.9066, 396.5220

■ 0.0000, 0.0000,
0.2975

■ 0.0000, 0.0000,
0.0000

■ 48.9007, 39.1098,
66.5996

■ 48.9007, 39.1098,
66.5996

■ 45.9439, 33.1954,
65.6143

■ 52.4603, 46.2282,
67.7866

■ 43.5529, 28.4136,
64.8172

■ 56.6494, 54.6064,
69.1831

■ 41.6929, 24.6936,
64.1972

■ 61.4978, 64.3031,
70.7993

■ 40.3234, 21.9546,
63.7406

■ 67.0321, 75.3718,
72.6442

39.3981, 20.1040,
63.4320

73.2777, 87.8629,
74.7261

38.8620, 19.0318,
63.2532

74.3824, 90.0723,
75.0945

38.6222, 18.5522,
63.1732

74.3824, 90.0723,
75.0946

74.3825, 90.0723,
75.0947

74.3825, 90.0723,
75.0948

Harmonies

Analogous

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



43.1229, 39.1098, 84.9535



48.9007, 39.1098, 66.5996



51.5345, 39.1098, 45.1345

Triad

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



48.9007, 39.1098, 66.5996



38.0529, 39.1098, 15.3960



26.7799, 39.1098, 60.9312

Complementary

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



48.9007, 39.1098, 66.5996



40.3382, 54.7761, 35.6431

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.



25.7627, 39.1098, 40.1313



48.9007, 39.1098, 66.5996



31.7967, 39.1098, 17.3357

Square

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



48.9007, 39.1098, 66.5996



44.8147, 39.1098, 18.7462



27.4879, 39.1098, 25.1713



30.4529, 39.1098, 81.0509

Rectangle

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



48.9007, 39.1098, 66.5996



50.9462, 39.1098, 33.1630



27.4879, 39.1098, 25.1713



26.1365, 39.1098, 53.6388

Sweetspot

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



48.9019, 39.1115, 66.6004



88.1607, 86.2214, 106.6034



33.8926, 31.3739, 65.8983



18.6488, 18.0124, 22.7438



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.



48.9019, 39.1115, 66.6004



71.9737, 53.8475, 101.2074



45.2305, 37.6429, 47.2667



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Inverse Universe

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



48.9019, 39.1115, 66.6004



71.9737, 53.8475, 101.2074



43.2360, 55.9352, 50.9026



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 48.9007, 39.1098, 66.5996 looks on a white background.

Color Contrast Check

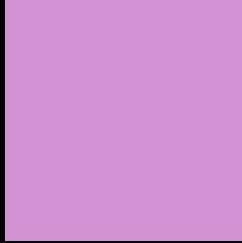
Large Text (above 18pt) WCAG AA × Fail

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 48.9007, 39.1098, 66.5996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

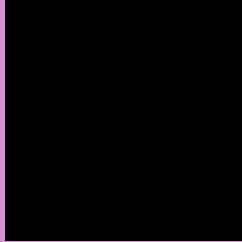
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9007, 39.1098, 66.5996

Background



This preview shows how black text looks on a background with the XYZ color 48.9007, 39.1098, 66.5996.

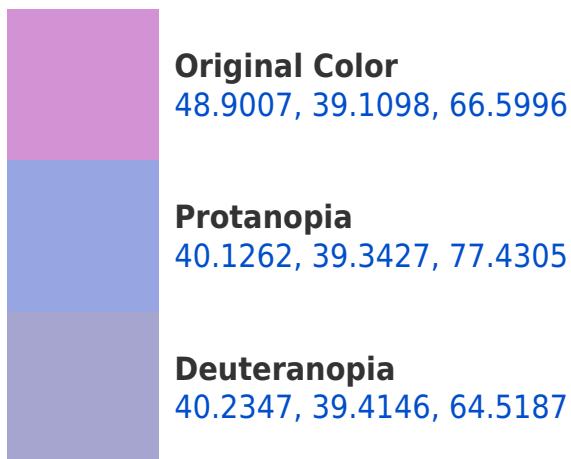


This preview shows how white text looks on a background with the XYZ color 48.9007, 39.1098,

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





Tritanopia

43.8732, 39.2118, 41.8155

Trichromacy



Original Color

48.9007, 39.1098, 66.5996

Protanomaly

42.6829, 38.9010, 73.6656

Deuteranomaly

42.9034, 38.9529, 64.9319

Tritanomaly

45.5076, 39.1408, 49.9562

Monochromacy



Original Color

48.9007, 39.1098, 66.5996

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.5604, 40.3470, 52.5583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9007, 39.1098, 66.5996 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 146, 211) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 48.9007, 39.1098, 66.5996 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, 211) }
```


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

```
.border{ border-color:rgb(211, 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(211, 146, 211)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 48.9007, 39.1098, 66.5996 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, 211) }
```

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

```
.background{ background-color: rgb(211,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor