

Converting Colors

XYZ(48.8312, 39.6574, 66.4237)

Have a look what the booklet for
XYZ(48.8312, 39.6574, 66.4237)
contains.

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Color

**XYZ(48.9261, 39.5846,
66.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	D294D3
RGB	210, 148, 211
RGB Percent	82%, 58%, 83%
CMY	0.1765, 0.4196, 0.1725
CMYK	0.00, 0.30, 0.00, 0.17
HSL	299°, 42%, 70%
HSV	299°, 30%, 83%
XYZ	48.9261, 39.5846, 66.6899
YIQ	173.7200, 16.7290, 32.7370

Conversions

Conversions Part 2

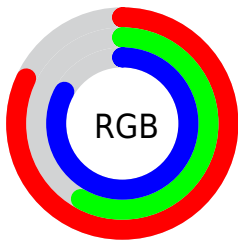
Format	Color
R _Y B	210, 148, 211
Decimal	13800659
CIE Lab	69.17, 33.59, -23.00
CIE LCh	69, 40.712, 325.602
Yxy	39.5846, 0.3152, 0.2551
Android (android.graphics.Color)	4291990739 (0xFFD294D3)
YUV	173.7200, 18.3790, 31.8176
Hunter-Lab	62.9163, 28.7049, -18.8047

Details

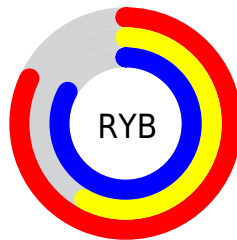
The XYZ color **48.9261, 39.5846, 66.6899** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.0354, 55.1172, 36.4948**, and the grayscale version is **39.9924, 42.0751, 45.8197**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **23.7012, 17.7346, 33.6264** is the 20% darker color. If you saturate the color by 10%, you get **45.8185, 33.5101, 65.6818**, and if you desaturate by 10%, it is **52.6396, 46.8692, 67.9008**.

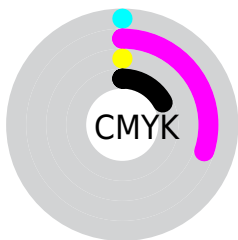
Distribution



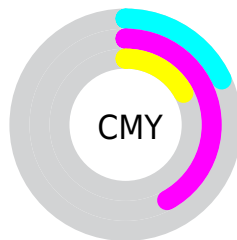
- Red (82%)
- Green (58%)
- Blue (83%)



- Red (82%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (18%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9261, 39.5846, 66.6899 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 48.9261, 39.5846, 66.6899 by changing the saturation by 10% instead.


 48.9261, 39.5846,
66.6899


 48.9261, 39.5846,
66.6899


372.9731,
344.3696, 467.3116

 34.7752, 27.2148,
48.3726

 87.7831, 74.5305,
116.1124

 23.6554, 17.7346,
33.7600


 113.2198, 97.8755,
148.0547

 15.2016, 10.7596,
22.4334


143.1492,
125.6476, 185.3758

 9.0482, 5.9054,
13.9744

177.9365,
158.2313, 228.4942

 4.8300, 2.7877,
7.9643

217.9473,
196.0109, 277.8284

 2.1816, 1.0219,
3.9847

263.5467,

 0.7330, 0.0000,

239.3709, 333.7970

1.6169

315.1002,
288.6957, 396.8186

■ 0.0000, 0.0000,
0.3029

■ 0.0000, 0.0000,
0.0000

■ 48.9261, 39.5846,
66.6899

■ 48.9261, 39.5846,
66.6899

■ 45.8185, 33.5101,
65.6818

■ 52.6396, 46.8692,
67.9008

■ 43.2804, 28.5748,
64.8629

■ 56.9856, 55.4193,
69.3221

■ 41.2769, 24.7086,
64.2223

■ 61.9937, 65.2932,
70.9640

■ 39.7682, 21.8316,
63.7465

■ 67.6904, 76.5440,
72.8354

38.7085, 19.8525,
63.4203

74.1008, 89.2220,
74.9446

38.0440, 18.6633,
63.2258

74.6722, 90.2217,
75.1075

37.6776, 18.0702,
63.1306

74.7689, 90.2715,
75.1120

37.6730, 18.0629,
63.1295

74.8657, 90.3215,
75.1165

74.9627, 90.3715,
75.1211

Harmonies

Analogous

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



43.2962, 39.5846, 84.1851



48.9261, 39.5846, 66.6899



51.5349, 39.5846, 45.9085

Triad

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



48.9261, 39.5846, 66.6899



38.5919, 39.5846, 16.3283



27.4272, 39.5846, 60.5214

Complementary

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



48.9261, 39.5846, 66.6899



41.0354, 55.1172, 36.4948

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.



26.4729, 39.5846, 40.4102



48.9261, 39.5846, 66.6899



32.4702, 39.5846, 18.1819

Square

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



48.9261, 39.5846, 66.6899



45.1475, 39.5846, 19.7722



28.2120, 39.5846, 25.8556



30.9865, 39.5846, 79.9627

Rectangle

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



48.9261, 39.5846, 66.6899



51.0132, 39.5846, 34.1604



28.2120, 39.5846, 25.8556



26.8100, 39.5846, 53.4793

Sweetspot

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



48.9274, 39.5863, 66.6907



88.0269, 86.1524, 106.5973



34.7277, 32.5117, 66.0736



18.6155, 17.9953, 22.7422



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.



48.9274, 39.5863, 66.6907



71.8889, 54.4703, 101.3326



45.7495, 38.3482, 48.4665



12.2915, 11.9991, 14.9119



22.7442, 10.9054, 38.0987



1.2778, 0.6129, 2.1305

Inverse Universe

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



42.8800, 37.2004, 33.3559



61.1330, 50.2296, 41.9068



43.5895, 56.1179, 50.8927



11.8162, 11.8112, 12.3082



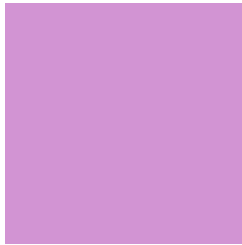
16.2270, 8.3636, 0.8358



0.9100, 0.4687, 0.0611

Previews

White Background



This preview shows how the XYZ color 48.9261, 39.5846, 66.6899 looks on a white background.

Color Contrast Check

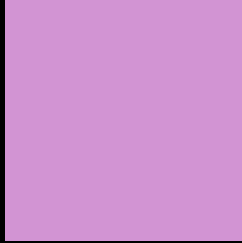
Large Text (above 18pt) WCAG AA × Fail

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 48.9261, 39.5846, 66.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

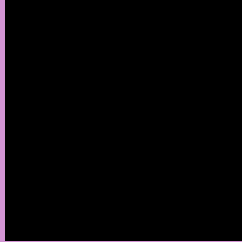
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9261, 39.5846, 66.6899

Background



This preview shows how black text looks on a background with the XYZ color 48.9261, 39.5846, 66.6899.



This preview shows how white text looks on a background with the XYZ color 48.9261, 39.5846,

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

48.9261, 39.5846, 66.6899

Protanopia

40.5462, 39.8460, 76.7882

Deuteranopia

40.7473, 39.9335, 65.2348



Tritanopia

43.8582, 39.4415, 42.3472

Trichromacy



Original Color

48.9261, 39.5846, 66.6899



Protanomaly

42.9446, 39.3076, 73.0338



Deuteranomaly

43.1982, 39.3448, 65.6391



Tritanomaly

45.4966, 39.3650, 50.5477

Monochromacy



Original Color

48.9261, 39.5846, 66.6899



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

42.9183, 41.0629, 52.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9261, 39.5846, 66.6899 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(210, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 148, 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(210, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 148, 211) }
```

Border

The CSS property to change the border of an element to XYZ 48.9261, 39.5846, 66.6899 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(210, 148, 211) }
```


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

```
.border{ border-color:rgb(210, 148, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 148, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 148, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 148, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 148,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9261, 39.5846, 66.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 148, 211) }
```

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

```
.background{ background-color: rgb(210,  
148, 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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