

Converting Colors

XYZ(39.2671, 25.7521, 49.9148)

Have a look what the booklet for
XYZ(39.2671, 25.7521, 49.9148)
contains.

XYZ(39.3497, 25.7331, 49.9067)	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(39.3497, 25.7331,
49.9067)**

Conversions

Conversions Part 1

Format	Color
Hex	D062BB
RGB	208, 98, 187
RGB Percent	82%, 38%, 73%
CMY	0.1843, 0.6157, 0.2667
CMYK	0.00, 0.53, 0.10, 0.18
HSL	311°, 54%, 60%
HSV	311°, 53%, 82%
XYZ	39.3497, 25.7331, 49.9067
YIQ	141.0360, 36.9910, 50.9990

Conversions

Conversions Part 2

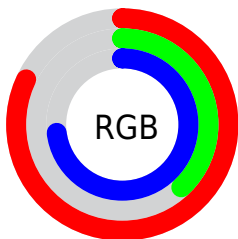
Format	Color
RYB	208, 98, 187
Decimal	13656763
CIELab	57.78, 54.62, -26.99
CIELCh	58, 60.929, 333.703
Yxy	25.7331, 0.3422, 0.2238
Android (android.graphics.Color)	4291846843 (0xFFD062BB)
YUV	141.0360, 22.6603, 58.7274
Hunter-Lab	50.7278, 49.6893, -22.8208

Details

The XYZ color **39.3497, 25.7331, 49.9067** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.9238, 49.0412, 25.2907**, and the grayscale version is **25.2363, 26.5505, 28.9135**.

A 20% lighter version of the original color is **68.8089, 50.5135, 90.9175**, and **17.8935, 9.9565, 23.5330** is the 20% darker color. If you saturate the color by 10%, you get **37.2312, 22.1667, 47.1321**, and if you desaturate by 10%, it is **41.9872, 30.3178, 52.9128**.

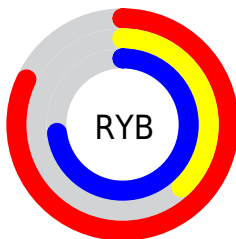
Distribution



Red (82%)

Green (38%)

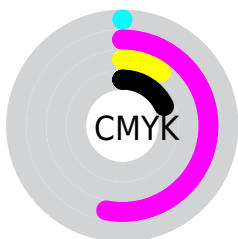
Blue (73%)



Red (82%)

Yellow (38%)

Blue (73%)

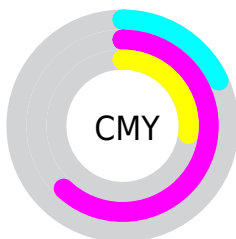


Cyan (0%)

Magenta (53%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (62%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3497, 25.7331, 49.9067 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 39.3497, 25.7331, 49.9067 by changing the saturation by 10% instead.

 39.3497, 25.7331,
49.9067


 39.3497, 25.7331,
49.9067

334.5566,
281.4694, 403.0256


 27.2138, 16.6241,
34.9686


 73.4629, 52.8441,
91.4315


 17.8713, 9.9668,
23.3553


 96.1709, 71.6148,
118.8553

 10.9568, 5.3770,
14.6483


 123.1337, 94.3749,
151.2781

 6.1048, 2.4701,
8.4291

 154.7166,
121.5087, 189.1184

 2.9502, 0.8616,
4.2790

191.2850,
153.4007, 232.7947

 1.1275, 0.0000,
1.7796

233.2042,

 0.0479, 0.0000,

190.4352, 282.7257

0.4145

280.8397,
232.9966, 339.3298

■ 0.0000, 0.0000,
0.0000

■ 39.3497, 25.7331,
49.9067

■ 39.3497, 25.7331,
49.9067

■ 37.2312, 22.1667,
47.1321

■ 41.9872, 30.3178,
52.9128

■ 35.5891, 19.5349,
44.5736

■ 45.1771, 35.9887,
56.1613

■ 34.3781, 17.7466,
42.2158

■ 48.9527, 42.8121,
59.6639

■ 33.5425, 16.6909,
40.0398

■ 53.3442, 50.8479,
63.4312

■ 33.1075, 16.2480,
38.5785

■ 58.3795, 60.1519,
67.4729

■ 64.0848, 70.7763,
71.7982

■ 70.4848, 82.7706,
76.4157

■ 74.5285, 90.0324,
80.3089

■ 75.0570, 90.2438,
83.0918

Harmonies

Analogous

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



33.1175, 25.7331, 76.6293



39.3497, 25.7331, 49.9067



41.3394, 25.7331, 25.4981

Triad

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



39.3497, 25.7331, 49.9067



23.5617, 25.7331, 3.9864



14.5288, 25.7331, 56.8219

Complementary

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



39.3497, 25.7331, 49.9067



30.9238, 49.0412, 25.2907

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.



12.9415, 25.7331, 30.7007



39.3497, 25.7331, 49.9067



17.4580, 25.7331, 6.0991

Square

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



39.3497, 25.7331, 49.9067



31.2297, 25.7331, 5.2056



13.8965, 25.7331, 13.7001



18.7445, 25.7331, 81.8282

Rectangle

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



39.3497, 25.7331, 49.9067



39.7200, 25.7331, 14.7507



13.8965, 25.7331, 13.7001



13.7129, 25.7331, 47.5195

Sweetspot

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



39.3505, 25.7343, 49.9072



82.1582, 76.1828, 98.5406



23.2480, 17.1541, 61.7608



17.2720, 15.7327, 20.8243



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.



39.3505, 25.7343, 49.9072



58.7731, 34.7275, 74.3604



34.6033, 23.8354, 24.9084



12.2100, 11.9687, 14.3815



20.6683, 10.1402, 24.2232



1.1812, 0.5772, 1.4888

Inverse Universe

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



39.3505, 25.7343, 49.9072



58.7731, 34.7275, 74.3604



35.1529, 50.7328, 47.5606



12.2100, 11.9687, 14.3815



20.6683, 10.1402, 24.2232



1.1812, 0.5772, 1.4888

Previews

White Background



This preview shows how the XYZ color 39.3497, 25.7331, 49.9067 looks on a white background.

Color Contrast Check

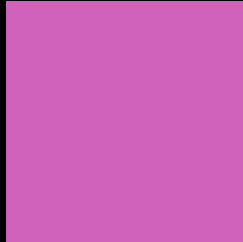
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3497, 25.7331, 49.9067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

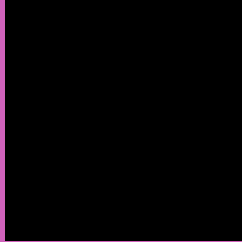
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3497, 25.7331, 49.9067

Background



This preview shows how black text looks on a background with the XYZ color 39.3497, 25.7331, 49.9067.



This preview shows how white text looks on a background with the XYZ color 39.3497, 25.7331,

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

39.3497, 25.7331, 49.9067

Protanopia

27.9072, 26.2045, 69.9168

Deuteranopia

26.5440, 26.0119, 46.8018



Tritanopia

33.5054, 25.6329, 21.5941

Trichromacy



Original Color

39.3497, 25.7331, 49.9067



Protanomaly

30.0225, 24.6907, 62.2149



Deuteranomaly

29.9283, 24.9557, 48.0393



Tritanomaly

35.4527, 25.6378, 30.2742

Monochromacy



Original Color

39.3497, 25.7331, 49.9067



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.0222, 25.1352, 35.6697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3497, 25.7331, 49.9067 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, 98, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 187)  
}
```

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, 98, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.3497, 25.7331, 49.9067 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, 98, 187) }
```


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

```
.border{ border-color:rgb(208, 98, 187) }
```

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

Here you see how a box with a 4 pixel rgb(208, 98, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3497, 25.7331, 49.9067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 187) }
```

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

```
.background{ background-color: rgb(208, 98,  
187) }
```

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