

Converting Colors

XYZ(39.0006, 25.3128, 49.0367)

Have a look what the booklet for
XYZ(39.0006, 25.3128, 49.0367)
contains.

XYZ(39.0582, 25.3208, 49.2832)	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(39.0582, 25.3208,
49.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	D060BA
RGB	208, 96, 186
RGB Percent	82%, 38%, 73%
CMY	0.1843, 0.6235, 0.2706
CMYK	0.00, 0.54, 0.11, 0.18
HSL	312°, 54%, 60%
HSV	312°, 54%, 82%
XYZ	39.0582, 25.3208, 49.2832
YIQ	139.7480, 37.8620, 51.7340

Conversions

Conversions Part 2

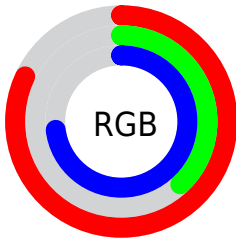
Format	Color
R _Y B	208, 96, 186
Decimal	13656250
CIE Lab	57.39, 55.41, -27.03
CIE LCh	57, 61.650, 333.995
Yxy	25.3208, 0.3436, 0.2228
Android (android.graphics.Color)	4291846330 (0xFFD060BA)
YUV	139.7480, 22.8022, 59.8570
Hunter-Lab	50.3198, 50.4920, -22.8448

Details

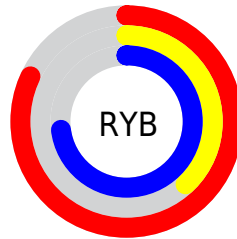
The XYZ color **39.0582, 25.3208, 49.2832** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.6509, 48.9074, 24.9660**, and the grayscale version is **24.7346, 26.0227, 28.3387**.

A 20% lighter version of the original color is **68.3336, 49.8040, 90.0160**, and **17.7549, 9.7903, 23.1442** is the 20% darker color. If you saturate the color by 10%, you get **36.9774, 21.8440, 46.4771**, and if you desaturate by 10%, it is **41.6551, 29.8089, 52.3230**.

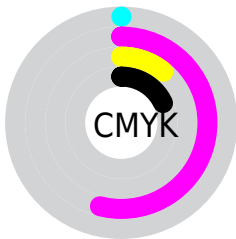
Distribution



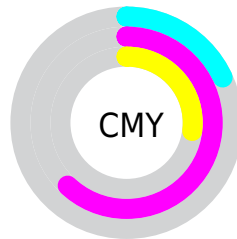
- Red (82%)
- Green (38%)
- Blue (73%)



- Red (82%)
- Yellow (38%)
- Blue (73%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (18%)




- Cyan (18%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0582, 25.3208, 49.2832 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 39.0582, 25.3208, 49.2832 by changing the saturation by 10% instead.

 39.0582, 25.3208,
49.2832


 39.0582, 25.3208,
49.2832

333.3408,
279.4318, 400.5106

 26.9859, 16.3162,
34.4770


 73.0207, 52.1772,
90.4973


 17.6992, 9.7482,
22.9800


 95.6417, 70.7978,
117.7422

 10.8326, 5.2323,
14.3735


 122.5096, 93.3925,
149.9705

 6.0209, 2.3842,
8.2392

 153.9898,
120.3457, 187.6006

 2.8985, 0.8177,
4.1584

190.4477,
152.0419, 231.0511

 1.1003, 0.0000,
1.7127

232.2486,

 0.0254, 0.0000,

188.8654, 280.7406

0.3694

279.7578,
231.2005, 337.0876

■ 0.0000, 0.0000,
0.0000

■ 39.0582, 25.3208,
49.2832

■ 39.0582, 25.3208,
49.2832

■ 36.9774, 21.8440,
46.4771

■ 41.6551, 29.8089,
52.3230

■ 35.3695, 19.2937,
43.8892

■ 44.8017, 35.3769,
55.6077

■ 34.1884, 17.5776,
41.5039

■ 48.5318, 42.0916,
59.1491

■ 33.3774, 16.5822,
39.3017

■ 52.8756, 50.0135,
62.9579

■ 33.0008, 16.2053,
38.0164

■ 57.8613, 59.1986,
67.0438

■ 63.5153, 69.6995,
71.4163

■ 69.8624, 81.5660,
76.0840

■ 74.5178, 90.0281,
80.2525

■ 75.0615, 90.2456,
83.1154

Harmonies

Analogous

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



32.8228, 25.3208, 76.2971



39.0582, 25.3208, 49.2832



41.0101, 25.3208, 24.8567

Triad

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



39.0582, 25.3208, 49.2832



23.0996, 25.3208, 3.7426



14.1837, 25.3208, 56.7984

Complementary

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



39.0582, 25.3208, 49.2832



30.6509, 48.9074, 24.9660

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.



12.5816, 25.3208, 30.4740



39.0582, 25.3208, 49.2832



17.0252, 25.3208, 5.8378

Square

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



39.0582, 25.3208, 49.2832



30.7786, 25.3208, 4.8961



13.5057, 25.3208, 13.4065



18.4092, 25.3208, 81.9662

Rectangle

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



39.0582, 25.3208, 49.2832



39.3470, 25.3208, 14.2146



13.5057, 25.3208, 13.4065



13.3643, 25.3208, 47.4198

Sweetspot

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



39.0590, 25.3220, 49.2837



82.1234, 76.1689, 98.3575



22.8429, 16.6709, 61.6889



17.2637, 15.7294, 20.7803



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.



39.0590, 25.3220, 49.2837



58.0771, 33.7440, 72.8692



34.3248, 23.4283, 24.3534



12.2071, 11.9676, 14.3664



20.6024, 10.1138, 23.8764



1.1780, 0.5759, 1.4722

Inverse Universe

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



39.0590, 25.3220, 49.2837



58.0771, 33.7440, 72.8692



34.8785, 50.5984, 47.2282



12.2071, 11.9676, 14.3664



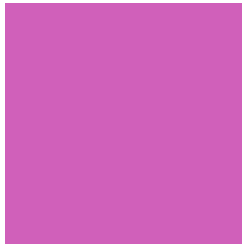
20.6024, 10.1138, 23.8764



1.1780, 0.5759, 1.4722

Previews

White Background



This preview shows how the XYZ color 39.0582, 25.3208, 49.2832 looks on a white background.

Color Contrast Check

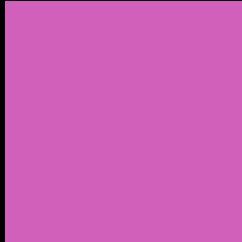
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0582, 25.3208, 49.2832 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 39.0582, 25.3208, 49.2832

Background



This preview shows how black text looks on a background with the XYZ color 39.0582, 25.3208, 49.2832.



This preview shows how white text looks on a background with the XYZ color 39.0582, 25.3208,

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

39.0582, 25.3208, 49.2832

Protanopia

27.6434, 25.8584, 69.8639

Deuteranopia

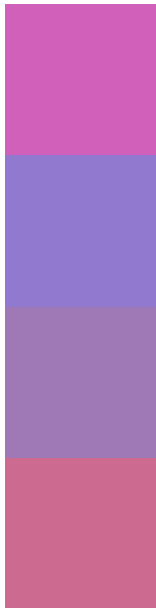
26.1468, 25.6088, 46.2127



Tritanopia

33.2717, 25.3619, 20.9110

Trichromacy



Original Color

39.0582, 25.3208, 49.2832

Protanomaly

29.4796, 24.0603, 61.4829

Deuteranomaly

29.3814, 24.3212, 47.4019

Tritanomaly

35.0899, 25.1591, 29.3923

Monochromacy



Original Color

39.0582, 25.3208, 49.2832

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.8105, 24.8490, 35.1761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0582, 25.3208, 49.2832 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, 96, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 96, 186)  
}
```

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, 96, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 96, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.0582, 25.3208, 49.2832 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, 96, 186) }
```


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

```
.border{ border-color:rgb(208, 96, 186) }
```

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

Here you see how a box with a 4 pixel rgb(208, 96, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 96, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 96, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 96,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0582, 25.3208, 49.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 96, 186) }
```

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

```
.background{ background-color: rgb(208, 96,  
186) }
```

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