

Converting Colors

XYZ(39.0243, 25.5238, 45.8111)

Have a look what the booklet for
XYZ(39.0243, 25.5238, 45.8111)
contains.

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Color

**XYZ(39.0913, 25.5463,
46.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	D261B4
RGB	210, 97, 180
RGB Percent	82%, 38%, 71%
CMY	0.1765, 0.6196, 0.2941
CMYK	0.00, 0.54, 0.14, 0.18
HSL	316°, 56%, 60%
HSV	316°, 54%, 82%
XYZ	39.0913, 25.5463, 46.0506
YIQ	140.2490, 40.7050, 49.7690

Conversions

Conversions Part 2

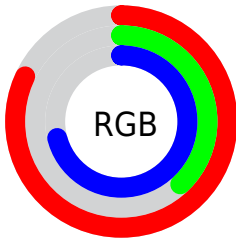
Format	Color
R _{YB}	210, 97, 180
Decimal	13787572
CIE Lab	57.60, 54.58, -23.22
CIE LCh	58, 59.312, 336.950
Yxy	25.5463, 0.3532, 0.2308
Android (android.graphics.Color)	4291977652 (0xFFD261B4)
YUV	140.2490, 19.5972, 61.1716
Hunter-Lab	50.5433, 49.6048, -18.6394

Details

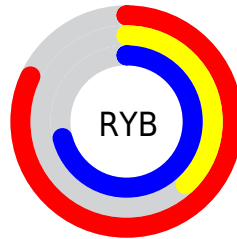
The XYZ color **39.0913, 25.5463, 46.0506** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.8084, 50.1678, 28.0876**, and the grayscale version is **24.9400, 26.2388, 28.5741**.

A 20% lighter version of the original color is **67.6086, 49.7726, 85.4006**, and **17.7606, 9.8905, 21.0516** is the 20% darker color. If you saturate the color by 10%, you get **36.8449, 21.9440, 42.5557**, and if you desaturate by 10%, it is **41.8757, 30.1872, 49.8381**.

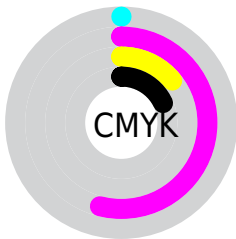
Distribution



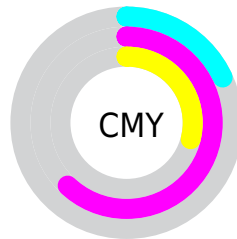
- Red (82%)
- Green (38%)
- Blue (71%)



- Red (82%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0913, 25.5463, 46.0506 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 39.0913, 25.5463, 46.0506 by changing the saturation by 10% instead.


 39.0913, 25.5463,
46.0506


 39.0913, 25.5463,
46.0506

333.4790,
280.5477, 387.2955


 27.0118, 16.4845,
31.9368


 73.0710, 52.5421,
85.6298

 17.7187, 9.8677,
21.0488


 95.7018, 71.2449,
111.9323

 10.8467, 5.3113,
12.9681


 122.5805, 93.9302,
143.1347

 6.0304, 2.4311,
7.2761

 154.0724,
120.9824, 179.6557

 2.9044, 0.8418,
3.5543

190.5428,
152.7859, 221.9137

 1.1034, 0.0000,
1.3842

232.3572,

 0.0280, 0.0000,

189.7250, 270.3273

0.1293

279.8808,
232.1841, 325.3151

■ 0.0000, 0.0000,
0.0000

■ 39.0913, 25.5463,
46.0506

■ 39.0913, 25.5463,
46.0506

■ 36.8449, 21.9440,
42.5557

■ 41.8757, 30.1872,
49.8381

■ 35.0924, 19.2936,
39.3365

■ 45.2328, 35.9370,
53.9303

■ 33.7862, 17.5003,
36.3763

■ 49.1973, 42.8642,
58.3402

■ 32.8682, 16.4480,
33.6542

■ 53.8003, 51.0306,
63.0796

■ 32.4318, 16.0431,
32.0664

■ 59.0708, 60.4938,
68.1592

■ 65.0359, 71.3076,
73.5893

■ 71.7213, 83.5230,
79.3796

■ 75.8754, 90.6365,
84.4475

■ 76.6469, 90.9451,
88.5104

Harmonies

Analogous

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



33.4217, 25.5463, 72.0751



39.0913, 25.5463, 46.0506



40.4630, 25.5463, 23.3579

Triad

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



39.0913, 25.5463, 46.0506



22.6701, 25.5463, 4.2846



14.9429, 25.5463, 58.4641

Complementary

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



39.0913, 25.5463, 46.0506



31.8084, 50.1678, 28.0876

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.



13.1164, 25.5463, 32.8071



39.0913, 25.5463, 46.0506



16.9803, 25.5463, 6.8395

Square

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



39.0913, 25.5463, 46.0506



30.0127, 25.5463, 5.1494



13.7820, 25.5463, 15.1693



19.3298, 25.5463, 81.3503

Rectangle

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



39.0913, 25.5463, 46.0506



38.5556, 25.5463, 13.6193



13.7820, 25.5463, 15.1693



14.0524, 25.5463, 49.5004

Sweetspot

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



39.0921, 25.5475, 46.0511



81.6918, 75.9963, 96.0845



24.4028, 17.5828, 63.0811



17.1601, 15.6880, 20.2347



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.



39.0921, 25.5475, 46.0511



56.5902, 33.1492, 65.0393



34.5718, 23.7394, 22.2474



12.1712, 11.9532, 14.1774



19.8263, 9.8033, 19.7890



1.1404, 0.5609, 1.2743

Inverse Universe

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



39.0921, 25.5475, 46.0511



56.5902, 33.1492, 65.0393



36.3951, 52.0025, 52.2411



12.1712, 11.9532, 14.1774



19.8263, 9.8033, 19.7890



1.1404, 0.5609, 1.2743

Previews

White Background



This preview shows how the XYZ color 39.0913, 25.5463, 46.0506 looks on a white background.

Color Contrast Check

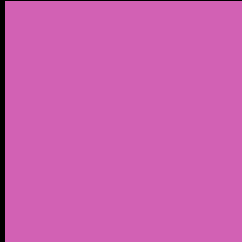
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0913, 25.5463, 46.0506 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 39.0913, 25.5463, 46.0506

Background



This preview shows how black text looks on a background with the XYZ color 39.0913, 25.5463, 46.0506.



This preview shows how white text looks on a background with the XYZ color 39.0913, 25.5463,

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

39.0913, 25.5463, 46.0506

Protanopia

27.2471, 25.7722, 64.5112

Deuteranopia

26.2757, 25.7326, 43.6264



Tritanopia

33.9161, 25.5382, 20.5945

Trichromacy



Original Color

39.0913, 25.5463, 46.0506



Protanomaly

29.4811, 24.3385, 57.1768



Deuteranomaly

29.6963, 24.7350, 44.2835



Tritanomaly

35.4154, 25.3530, 28.2263

Monochromacy



Original Color

39.0913, 25.5463, 46.0506



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

28.6411, 24.7812, 34.2840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0913, 25.5463, 46.0506 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, 97, 180)` looks like.

```
.text, #text, p{  
    color:rgb(210, 97, 180)  
}
```

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, 97, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 97, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.0913, 25.5463, 46.0506 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, 97, 180) }
```


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

```
.border{ border-color:rgb(210, 97, 180) }
```

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

Here you see how a box with a 4 pixel rgb(210, 97, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 97, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 97, 180);  
box-shadow:4px 4px 4px 4px rgb(210, 97,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0913, 25.5463, 46.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 97, 180) }
```

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

```
.background{ background-color: rgb(210, 97,  
180) }
```

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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