

Converting Colors

XYZ(38.8534, 25.5604, 36.6625)

Have a look what the booklet for
XYZ(38.8534, 25.5604, 36.6625)
contains.

XYZ(38.9348, 25.5379, 36.5954)	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(38.9348, 25.5379,
36.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	D860A1
RGB	216, 96, 161
RGB Percent	85%, 38%, 63%
CMY	0.1529, 0.6235, 0.3686
CMYK	0.00, 0.56, 0.25, 0.15
HSL	328°, 61%, 61%
HSV	328°, 56%, 85%
XYZ	38.9348, 25.5379, 36.5954
YIQ	139.2900, 50.6550, 45.6550

Conversions

Conversions Part 2

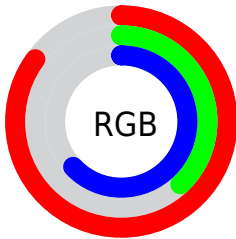
Format	Color
RYB	216, 96, 161
Decimal	14180513
CIELab	57.60, 54.12, -12.17
CIELCh	58, 55.466, 347.330
Yxy	25.5379, 0.3852, 0.2527
Android (android.graphics.Color)	4292370593 (0xFFD860A1)
YUV	139.2900, 10.7030, 67.2747
Hunter-Lab	50.5350, 49.0893, -7.5609

Details

The XYZ color **38.9348, 25.5379, 36.5954** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.9670, 53.8337, 37.8289**, and the grayscale version is **24.5996, 25.8807, 28.1841**.

A 20% lighter version of the original color is **64.7013, 48.3511, 70.8883**, and **17.5864, 9.8243, 15.4374** is the 20% darker color. If you saturate the color by 10%, you get **36.3891, 21.7886, 31.6085**, and if you desaturate by 10%, it is **42.0925, 30.3999, 42.1279**.

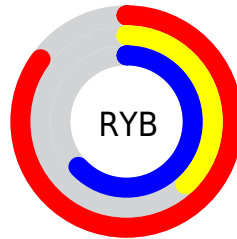
Distribution



Red (85%)

Green (38%)

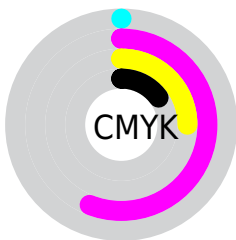
Blue (63%)



Red (85%)

Yellow (38%)

Blue (63%)

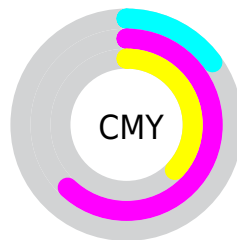


Cyan (0%)

Magenta (56%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9348, 25.5379, 36.5954 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 38.9348, 25.5379, 36.5954 by changing the saturation by 10% instead.


 38.9348, 25.5379,
36.5954


 38.9348, 25.5379,
36.5954


332.8251,
280.5062, 346.6713


 26.8895, 16.4783,
24.6011


 72.8334, 52.5285,
71.1294


 17.6264, 9.8632,
15.5638


 95.4174, 71.2283,
94.5062

 10.7802, 5.3084,
9.0650


 122.2451, 93.9102,
122.5142

 5.9854, 2.4293,
4.6862

 153.6817,
120.9587, 155.5719

 2.8768, 0.8409,
2.0089

190.0927,
152.7582, 194.0980

 1.0889, 0.0000,
0.5607

231.8433,

 0.0158, 0.0000,

189.6930, 238.5108

0.0000

279.2990,
232.1475, 289.2291

■ 0.0000, 0.0000,
0.0000

■ 38.9348, 25.5379,
36.5954

■ 38.9348, 25.5379,
36.5954

■ 36.3891, 21.7886,
31.6085

■ 42.0925, 30.3999,
42.1279

■ 34.4059, 19.0566,
27.1421

■ 45.9017, 36.4522,
48.2261

■ 32.9314, 17.2366,
23.1705

■ 50.4013, 43.7697,
54.9104

■ 31.8990, 16.1978,
19.6628

■ 55.6263, 52.4201,
62.1998

■ 31.5296, 15.8832,
18.2321

■ 61.6092, 62.4662,
70.1119

■ 68.3804, 73.9669,
78.6637

■ 75.9688, 86.9774,
87.8713

■ 79.8376, 92.4224,
96.2289

■ 81.3508, 93.0277,
104.1974

Harmonies

Analogous

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



34.8898, 25.5379, 60.5659



38.9348, 25.5379, 36.5954



38.5688, 25.5379, 18.2975

Triad

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



38.9348, 25.5379, 36.5954



20.6744, 25.5379, 5.5022



16.6257, 25.5379, 64.1578

Complementary

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



38.9348, 25.5379, 36.5954



34.9670, 53.8337, 37.8289

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.



14.0346, 25.5379, 40.1440



38.9348, 25.5379, 36.5954



16.0633, 25.5379, 9.6910

Square

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



38.9348, 25.5379, 36.5954



27.1740, 25.5379, 5.2457



13.8494, 25.5379, 20.5510



21.5862, 25.5379, 80.7119

Rectangle

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



38.9348, 25.5379, 36.5954



35.8699, 25.5379, 11.0377



13.8494, 25.5379, 20.5510



15.4913, 25.5379, 56.2978

Sweetspot

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



38.9356, 25.5392, 36.5959



79.7103, 74.1779, 88.8125



29.1566, 19.8092, 67.2528



16.7199, 15.3098, 18.5396



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.



38.9356, 25.5392, 36.5959



52.3269, 30.7859, 44.6174



34.9011, 23.9254, 15.3506



12.7017, 12.5322, 14.3696



18.7174, 9.4233, 11.0817



1.1705, 0.5850, 0.8873

Inverse Universe

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



38.9356, 25.5392, 36.5959



52.3269, 30.7859, 44.6174



41.0135, 56.2523, 69.6693



12.7017, 12.5322, 14.3696



18.7174, 9.4233, 11.0817



1.1705, 0.5850, 0.8873

Previews

White Background



This preview shows how the XYZ color 38.9348, 25.5379, 36.5954 looks on a white background.

Color Contrast Check

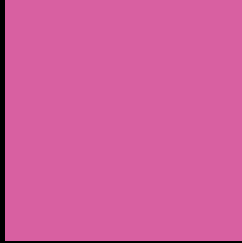
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9348, 25.5379, 36.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

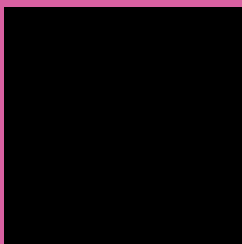
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9348, 25.5379, 36.5954

Background



This preview shows how black text looks on a background with the XYZ color 38.9348, 25.5379, 36.5954.



This preview shows how white text looks on a background with the XYZ color 38.9348, 25.5379,

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

38.9348, 25.5379, 36.5954

Protanopia

26.5521, 25.8941, 52.3138

Deuteranopia

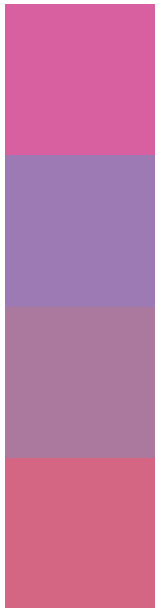
26.2574, 25.7142, 34.5898



Tritanopia

35.3427, 25.5200, 18.9827

Trichromacy



Original Color

38.9348, 25.5379, 36.5954

Protanomaly

29.0008, 24.3418, 45.8178

Deuteranomaly

29.7178, 24.7670, 35.1125

Tritanomaly

36.2887, 25.2876, 24.4411

Monochromacy



Original Color

38.9348, 25.5379, 36.5954

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.2858, 24.4880, 30.8396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9348, 25.5379, 36.5954 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(216, 96, 161)` looks like.

```
.text, #text, p{  
    color:rgb(216, 96, 161)  
}
```

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(216, 96, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 96, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.9348, 25.5379, 36.5954 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(216, 96, 161) }
```


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

```
.border{ border-color:rgb(216, 96, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 96, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 96, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 96, 161);  
box-shadow:4px 4px 4px 4px rgb(216, 96,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9348, 25.5379, 36.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 96, 161) }
```

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

```
.background{ background-color: rgb(216, 96,  
161) }
```

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