

Converting Colors

XYZ(38.7101, 25.8639, 33.1199)

Have a look what the booklet for
XYZ(38.7101, 25.8639, 33.1199)
contains.

XYZ(38.8269, 25.9753, 33.1043)	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(38.8269, 25.9753,
33.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	D96399
RGB	217, 99, 153
RGB Percent	85%, 39%, 60%
CMY	0.1490, 0.6117, 0.4000
CMYK	0.00, 0.54, 0.29, 0.15
HSL	333°, 61%, 62%
HSV	333°, 54%, 85%
XYZ	38.8269, 25.9753, 33.1043
YIQ	140.4380, 52.9940, 41.8100

Conversions

Conversions Part 2

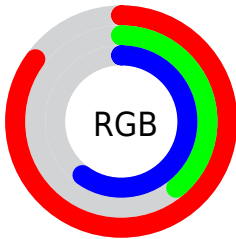
Format	Color
R _Y B	217, 99, 153
Decimal	14246809
CIE Lab	58.01, 51.97, -6.87
CIE LCh	58, 52.424, 352.465
Yxy	25.9753, 0.3966, 0.2653
Android (android.graphics.Color)	4292436889 (0xFFD96399)
YUV	140.4380, 6.1931, 67.1449
Hunter-Lab	50.9660, 46.7944, -2.8349

Details

The XYZ color **38.8269, 25.9753, 33.1043** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.5707, 54.9235, 43.3271**, and the grayscale version is **25.0608, 26.3659, 28.7124**.

A 20% lighter version of the original color is **64.0581, 48.8762, 65.0893**, and **17.5970, 10.1316, 13.5985** is the 20% darker color. If you saturate the color by 10%, you get **36.1156, 22.0325, 27.6385**, and if you desaturate by 10%, it is **42.1878, 31.0636, 39.2603**.

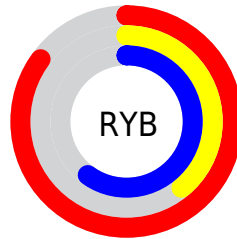
Distribution



Red (85%)

Green (39%)

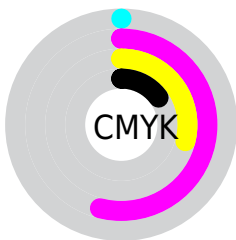
Blue (60%)



Red (85%)

Yellow (39%)

Blue (60%)

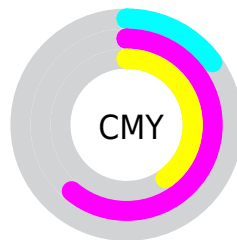


Cyan (0%)

Magenta (54%)

Yellow (29%)

Black (15%)



Cyan (15%)


Magenta (61%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8269, 25.9753, 33.1043 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 38.8269, 25.9753, 33.1043 by changing the saturation by 10% instead.


 38.8269, 25.9753,
33.1043


 38.8269, 25.9753,
33.1043

332.3738,
282.6608, 330.7659


 26.8052, 16.8052,
21.9346


 72.6696, 53.2351,
65.6562


 17.5628, 10.0957,
13.6110


 95.2213, 72.0935,
87.8755

 10.7344, 5.4624,
7.7150


 122.0137, 94.9502,
114.6151

 5.9545, 2.5211,
3.8280

 153.4121,
122.1895, 146.2934

 2.8578, 0.8872,
1.5314

189.7820,
154.1958, 183.3292

 1.0790, 0.0000,
0.2412

231.4887,

 0.0075, 0.0000,

191.3536, 226.1408

0.0000

278.8975,
234.0471, 275.1468

■ 0.0000, 0.0000,
0.0000

■ 38.8269, 25.9753,
33.1043

■ 38.8269, 25.9753,
33.1043

■ 36.1156, 22.0325,
27.6385

■ 42.1878, 31.0636,
39.2603

■ 34.0037, 19.1394,
22.8318

■ 46.2391, 37.3750,
46.1324

■ 32.4364, 17.1911,
18.6518

■ 51.0206, 44.9851,
53.7467

■ 31.3467, 16.0587,
15.0614

■ 56.5684, 53.9621,
62.1274

■ 30.8819, 15.6584,
13.2743

■ 62.9160, 64.3693,
71.2973

■ 70.0951, 76.2661,
81.2783

■ 78.1354, 89.7087,
92.0912

■ 81.1888, 92.9971,
101.7973

■ 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



35.6523, 25.9753, 55.2777



38.8269, 25.9753, 33.1043



37.7305, 25.9753, 16.9449

Triad

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



38.8269, 25.9753, 33.1043



20.3240, 25.9753, 6.7524



17.9912, 25.9753, 65.9054

Complementary

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



38.8269, 25.9753, 33.1043



36.5707, 54.9235, 43.3271

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.



15.0629, 25.9753, 43.8022



38.8269, 25.9753, 33.1043



16.2405, 25.9753, 11.9181

Square

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



38.8269, 25.9753, 33.1043



26.3194, 25.9753, 5.8898



14.4818, 25.9753, 23.9536



23.1268, 25.9753, 78.8221

Rectangle

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



38.8269, 25.9753, 33.1043



34.7995, 25.9753, 10.6732



14.4818, 25.9753, 23.9536



16.7547, 25.9753, 58.9461

Sweetspot

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



38.8276, 25.9766, 33.1048



80.0266, 75.3302, 87.3159



31.8743, 21.6094, 68.1369



16.7625, 15.5289, 18.1413



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.



38.8276, 25.9766, 33.1048



51.6336, 31.1666, 38.9381



35.7121, 25.3412, 14.8151



13.3026, 13.1501, 14.8547



18.7462, 9.4995, 8.3093



1.2576, 0.6327, 0.7655

Inverse Universe

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



38.8276, 25.9766, 33.1048



51.6336, 31.1666, 38.9381



41.4819, 55.2851, 74.1306



13.3026, 13.1501, 14.8547



18.7462, 9.4995, 8.3093



1.2576, 0.6327, 0.7655

Previews

White Background



This preview shows how the XYZ color 38.8269, 25.9753, 33.1043 looks on a white background.

Color Contrast Check

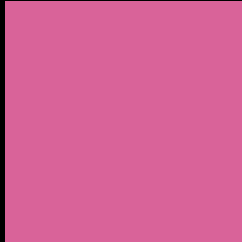
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8269, 25.9753, 33.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

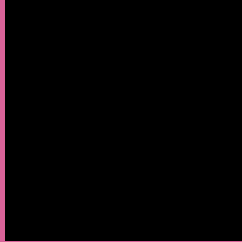
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8269, 25.9753, 33.1043

Background



This preview shows how black text looks on a background with the XYZ color 38.8269, 25.9753, 33.1043.



This preview shows how white text looks on a background with the XYZ color 38.8269, 25.9753,

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

38.8269, 25.9753, 33.1043

Protanopia

26.4311, 26.1775, 46.3075

Deuteranopia

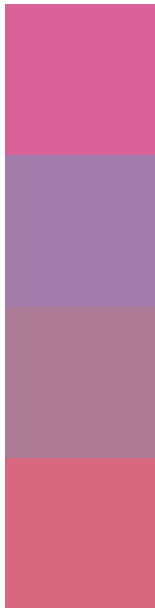
26.6483, 26.1989, 31.2561



Tritanopia

36.0265, 26.0264, 19.0444

Trichromacy



Original Color

38.8269, 25.9753, 33.1043

Protanomaly

29.3636, 24.9990, 41.3079

Deuteranomaly

29.9633, 25.3345, 31.7446

Tritanomaly

36.8709, 25.9062, 23.4792

Monochromacy



Original Color

38.8269, 25.9753, 33.1043

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.5929, 25.0364, 30.1136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8269, 25.9753, 33.1043 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(217, 99, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 99, 153)  
}
```

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(217, 99, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 99, 153) }
```

Border

The CSS property to change the border of an element to XYZ 38.8269, 25.9753, 33.1043 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(217, 99, 153) }
```


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

```
.border{ border-color:rgb(217, 99, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 99, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 99, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 99, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 99,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8269, 25.9753, 33.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 99, 153) }
```

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

```
.background{ background-color: rgb(217, 99,  
153) }
```

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