

Converting Colors

XYZ(38.0488, 25.2964, 33.0143)

Have a look what the booklet for
XYZ(38.0488, 25.2964, 33.0143)
contains.

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Color

**XYZ(38.0488, 25.2964,
33.0143)**

Conversions

Conversions Part 1

Format	Color
Hex	D76199
RGB	215, 97, 153
RGB Percent	84%, 38%, 60%
CMY	0.1569, 0.6196, 0.4000
CMYK	0.00, 0.55, 0.29, 0.16
HSL	332°, 60%, 61%
HSV	332°, 55%, 84%
XYZ	38.0488, 25.2964, 33.0143
YIQ	138.6660, 52.3520, 42.4320

Conversions

Conversions Part 2

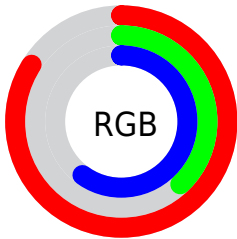
Format	Color
R _Y B	215, 97, 153
Decimal	14115225
CIE Lab	57.36, 52.28, -7.87
CIE LCh	57, 52.870, 351.435
Yxy	25.2964, 0.3949, 0.2625
Android (android.graphics.Color)	4292305305 (0xFFD76199)
YUV	138.6660, 7.0667, 66.9449
Hunter-Lab	50.2955, 47.0189, -3.7115

Details

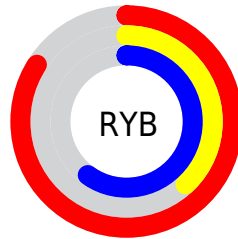
The XYZ color **38.0488, 25.2964, 33.0143** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4895, 53.6462, 41.2880**, and the grayscale version is **24.3729, 25.6421, 27.9243**.

A 20% lighter version of the original color is **63.7307, 48.2215, 64.9802**, and **17.0958, 9.7133, 13.5442** is the 20% darker color. If you saturate the color by 10%, you get **35.4352, 21.4924, 27.7554**, and if you desaturate by 10%, it is **41.2904, 30.2148, 38.9189**.

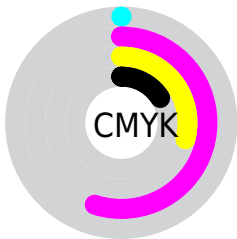
Distribution



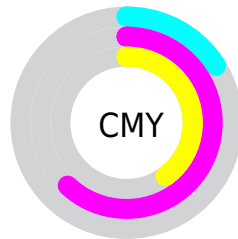
- Red (84%)
- Green (38%)
- Blue (60%)



- Red (84%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0488, 25.2964, 33.0143 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 38.0488, 25.2964, 33.0143 by changing the saturation by 10% instead.


 38.0488, 25.2964,
33.0143


 38.0488, 25.2964,
33.0143


329.1065,
279.3108, 330.3482


 26.1980, 16.2980,
21.8662


 71.4863, 52.1377,
65.5141


 17.1052, 9.7353,
13.5612


 93.8038, 70.7493,
87.7029

 10.4053, 5.2238,
7.6809


 120.3407, 93.3342,
114.4090

 5.7328, 2.3792,
3.8066

 151.4626,
120.2767, 146.0510

 2.7224, 0.8151,
1.5199

187.5348,
151.9613, 183.0473

 1.0087, 0.0000,
0.2327

228.9226,

 0.0000, 0.0000,

188.7722, 225.8166

0.0000

275.9914,
231.0939, 274.7774

■ 38.0488, 25.2964,
33.0143

■ 38.0488, 25.2964,
33.0143

■ 35.4352, 21.4924,
27.7554

■ 41.2904, 30.2148,
38.9189

■ 33.4005, 18.7087,
23.1131

■ 45.1999, 36.3238,
45.4934

■ 31.8910, 16.8422,
19.0572

■ 49.8161, 43.6976,
52.7621

■ 30.8409, 15.7653,
15.5525

■ 55.1742, 52.4029,
60.7474

■ 30.4241, 15.4070,
13.9481

■ 61.3069, 62.5018,
69.4707

■ 68.2450, 74.0525,
78.9523

■ 76.0174, 87.1099,
89.2115

■ 80.0192, 92.4610,
98.7229

■ 81.7821, 93.1662,
108.0063

Harmonies

Analogous

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



34.7593, 25.2964, 55.1723



38.0488, 25.2964, 33.0143



37.1066, 25.2964, 16.7517

Triad

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



38.0488, 25.2964, 33.0143



19.9002, 25.2964, 6.2805



17.2818, 25.2964, 64.3358

Complementary

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



38.0488, 25.2964, 33.0143



35.4895, 53.6462, 41.2880

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.



14.4743, 25.2964, 42.1911



38.0488, 25.2964, 33.0143



15.7930, 25.2964, 11.1354

Square

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



38.0488, 25.2964, 33.0143



25.8847, 25.2964, 5.5619



13.9812, 25.2964, 22.7131



22.2917, 25.2964, 77.7569

Rectangle

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



38.0488, 25.2964, 33.0143



34.2653, 25.2964, 10.4267



13.9812, 25.2964, 22.7131



16.0882, 25.2964, 57.3045

Sweetspot

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



38.0495, 25.2977, 33.0148



80.1256, 75.3698, 87.8369



30.6357, 20.7230, 66.6754



16.7861, 15.5383, 18.2651



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.



38.0495, 25.2977, 33.0148



51.5590, 30.8019, 39.5775



34.6417, 24.2289, 14.1618



12.6662, 12.5180, 14.1823



18.2500, 9.2363, 8.6206



1.1424, 0.5738, 0.7394

Inverse Universe

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



38.0495, 25.2977, 33.0148



51.5590, 30.8019, 39.5775



40.9990, 55.0535, 72.7556



12.6662, 12.5180, 14.1823



18.2500, 9.2363, 8.6206



1.1424, 0.5738, 0.7394

Previews

White Background



This preview shows how the XYZ color 38.0488, 25.2964, 33.0143 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 38.0488, 25.2964, 33.0143 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 38.0488, 25.2964, 33.0143

Background



This preview shows how black text looks on a background with the XYZ color 38.0488, 25.2964, 33.0143.



This preview shows how white text looks on a background with the XYZ color 38.0488, 25.2964,

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

38.0488, 25.2964, 33.0143

Protanopia

25.8347, 25.6580, 46.2387

Deuteranopia

26.0043, 25.4527, 31.1460



Tritanopia

34.8962, 25.1443, 18.6369

Trichromacy



Original Color

38.0488, 25.2964, 33.0143

Protanomaly

28.5133, 24.1923, 41.1970

Deuteranomaly

29.2754, 24.6153, 31.6420

Tritanomaly

35.7990, 25.0583, 23.3720

Monochromacy



Original Color

38.0488, 25.2964, 33.0143

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.1780, 24.6444, 29.6573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0488, 25.2964, 33.0143 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(215, 97, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 97, 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(215, 97, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 97, 153) }
```

Border

The CSS property to change the border of an element to XYZ 38.0488, 25.2964, 33.0143 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(215, 97, 153) }
```


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

```
.border{ border-color:rgb(215, 97, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 97, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 97, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 97, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 97,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0488, 25.2964, 33.0143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 97, 153) }
```

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

```
.background{ background-color: rgb(215, 97,  
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](#).

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