

Converting Colors

XYZ(33.3355, 25.2648, 26.7865)

Have a look what the booklet for
XYZ(33.3355, 25.2648, 26.7865)
contains.

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Color

**XYZ(33.3355, 25.2648,
26.7865)**

Conversions

Conversions Part 1

Format	Color
Hex	C57089
RGB	197, 112, 137
RGB Percent	77%, 44%, 54%
CMY	0.2274, 0.5608, 0.4627
CMYK	0.00, 0.43, 0.30, 0.23
HSL	342°, 42%, 61%
HSV	342°, 43%, 77%
XYZ	33.3355, 25.2648, 26.7865
YIQ	140.2650, 42.6350, 25.7950

Conversions

Conversions Part 2

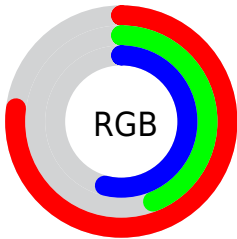
Format	Color
RYB	197, 112, 137
Decimal	12939401
CIELab	57.33, 36.52, 1.12
CIELCh	57, 36.537, 1.752
Yxy	25.2648, 0.3904, 0.2959
Android (android.graphics.Color)	4291129481 (0xFFC57089)
YUV	140.2650, -1.6096, 49.7566
Hunter-Lab	50.2641, 30.4203, 3.5883

Details

The XYZ color **33.3355, 25.2648, 26.7865** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.0960, 46.3565, 46.1829**, and the grayscale version is **25.0254, 26.3287, 28.6720**.

A 20% lighter version of the original color is **63.9894, 51.8880, 55.3580**, and **14.3735, 9.6883, 10.1293** is the 20% darker color. If you saturate the color by 10%, you get **30.4607, 21.0101, 21.2197**, and if you desaturate by 10%, it is **36.8158, 30.5244, 33.1901**.

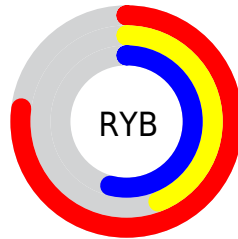
Distribution



Red (77%)

Green (44%)

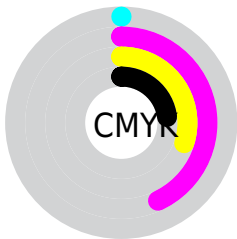
Blue (54%)



Red (77%)

Yellow (44%)

Blue (54%)

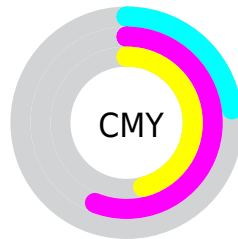


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (23%)



Cyan (23%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3355, 25.2648, 26.7865 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 33.3355, 25.2648, 26.7865 by changing the saturation by 10% instead.

 33.3355, 25.2648,
26.7865


 33.3355, 25.2648,
26.7865


308.7971,
279.1541, 300.3493


 22.5440, 16.2745,
17.1819


 64.2502, 52.0865,
55.5406


 14.3760, 9.7186,
10.2010


 85.1041, 70.6866,
75.5273

 8.4661, 5.2128,
5.4251


 110.0428, 93.2588,
99.8117

 4.4489, 2.3726,
2.4357

 139.4318,
120.1874, 128.8124

 1.9591, 0.8118,
0.8058

173.6364,
151.8568, 162.9480

 0.6108, 0.0000,
0.0000

213.0219,

 0.0000, 0.0000,

188.6515, 202.6370

0.0000

257.9537,
230.9558, 248.2979

■ 33.3355, 25.2648,
26.7865

■ 33.3355, 25.2648,
26.7865

■ 30.4607, 21.0101,
21.2197

■ 36.8158, 30.5244,
33.1901

■ 28.1531, 17.6919,
16.4520

■ 40.9326, 36.8441,
40.4628

■ 26.3732, 15.2393,
12.4450


■ 45.7173, 44.2794,
48.6370


■ 25.0749, 13.5692,
9.1559


■ 51.1985, 52.8808,
57.7429


■ 24.2037, 12.5822,
6.5369


■ 57.4032, 62.6958,
67.8092

 23.7881, 12.1752,
5.0904

 64.3568, 73.7691,
78.8633

 72.0835, 86.1434,
90.9318

 75.7687, 90.1834,
102.4272

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



32.1212, 25.2648, 40.4107



33.3355, 25.2648, 26.7865



31.8132, 25.2648, 16.7708

Triad

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



33.3355, 25.2648, 26.7865



19.8925, 25.2648, 11.8048



20.2839, 25.2648, 54.3192

Complementary

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



33.3355, 25.2648, 26.7865



34.0960, 46.3565, 46.1829

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.



17.6057, 25.2648, 42.0644



33.3355, 25.2648, 26.7865



17.3995, 25.2648, 17.6951

Square

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



33.3355, 25.2648, 26.7865



23.7598, 25.2648, 9.8940



16.6147, 25.2648, 28.2445



24.2689, 25.2648, 58.8948

Rectangle

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



33.3355, 25.2648, 26.7865



29.5463, 25.2648, 12.7089



16.6147, 25.2648, 28.2445



19.2184, 25.2648, 50.8103

Sweetspot

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



33.3362, 25.2660, 26.7870



81.8300, 79.2263, 87.0248



32.7769, 24.3351, 55.7931



17.0814, 16.2813, 17.8944



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.



33.3362, 25.2660, 26.7870



54.7167, 37.8647, 38.3259



33.8018, 28.7420, 19.0970



10.7601, 10.6874, 11.7197



15.6786, 8.0210, 3.5175



0.7747, 0.3927, 0.3366

Inverse Universe

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



33.3362, 25.2660, 26.7870



54.7167, 37.8647, 38.3259



33.0824, 40.1194, 58.8237



10.7601, 10.6874, 11.7197



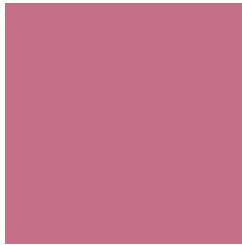
15.6786, 8.0210, 3.5175



0.7747, 0.3927, 0.3366

Previews

White Background



This preview shows how the XYZ color 33.3355, 25.2648, 26.7865 looks on a white background.

Color Contrast Check

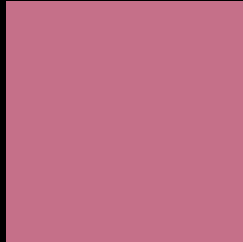
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3355, 25.2648, 26.7865 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 33.3355, 25.2648, 26.7865

Background



This preview shows how black text looks on a background with the XYZ color 33.3355, 25.2648, 26.7865.



This preview shows how white text looks on a background with the XYZ color 33.3355, 25.2648,

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

33.3355, 25.2648, 26.7865

Protanopia

24.9297, 25.4767, 33.3093

Deuteranopia

25.8956, 25.5160, 25.7505



Tritanopia

32.3574, 25.2005, 21.8976

Trichromacy



Original Color

33.3355, 25.2648, 26.7865

Protanomaly

27.2837, 24.9159, 30.9750

Deuteranomaly

28.1261, 25.0780, 25.9124

Tritanomaly

32.5664, 25.1045, 23.5513

Monochromacy



Original Color

33.3355, 25.2648, 26.7865

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.3408, 25.4064, 27.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3355, 25.2648, 26.7865 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(197, 112, 137)` looks like.

```
.text, #text, p{  
    color:rgb(197, 112, 137)  
}
```

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(197, 112, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 112, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.3355, 25.2648, 26.7865 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(197, 112, 137) }
```


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

```
.border{ border-color:rgb(197, 112, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 112, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 112, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 112, 137);  
box-shadow:4px 4px 4px 4px rgb(197, 112,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3355, 25.2648, 26.7865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 112, 137) }
```

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

```
.background{ background-color: rgb(197,  
112, 137) }
```

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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