

Converting Colors

XYZ(39.6524, 30.2619, 33.2205)

Have a look what the booklet for
XYZ(39.6524, 30.2619, 33.2205)
contains.

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Color

**XYZ(39.5328, 30.2492,
33.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	D37B97
RGB	211, 123, 151
RGB Percent	83%, 48%, 59%
CMY	0.1725, 0.5176, 0.4078
CMYK	0.00, 0.42, 0.28, 0.17
HSL	341°, 50%, 65%
HSV	341°, 42%, 83%
XYZ	39.5328, 30.2492, 33.0332
YIQ	152.5040, 43.4600, 27.3640

Conversions

Conversions Part 2

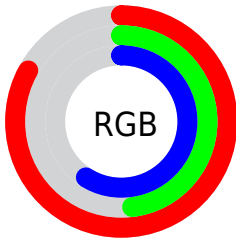
Format	Color
R _Y B	211, 123, 151
Decimal	13859735
CIE Lab	61.87, 37.59, -0.13
CIE LCh	62, 37.589, 359.799
Yxy	30.2492, 0.3845, 0.2942
Android (android.graphics.Color)	4292049815 (0xFFD37B97)
YUV	152.5040, -0.7415, 51.3010
Hunter-Lab	54.9993, 32.0549, 2.8892

Details

The XYZ color **39.5328, 30.2492, 33.0332** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.0113, 54.2190, 53.1591**, and the grayscale version is **30.0537, 31.6188, 34.4329**.

A 20% lighter version of the original color is **67.9816, 57.1121, 65.1983**, and **17.9440, 12.4249, 13.5091** is the 20% darker color. If you saturate the color by 10%, you get **36.0938, 25.1282, 26.4697**, and if you desaturate by 10%, it is **43.6802, 36.5583, 40.5370**.

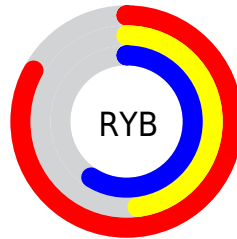
Distribution



Red (83%)

Green (48%)

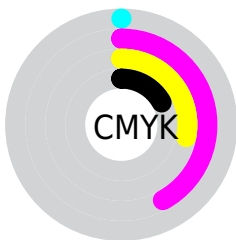
Blue (59%)



Red (83%)

Yellow (48%)

Blue (59%)

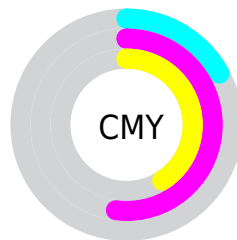


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5328, 30.2492, 33.0332 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 39.5328, 30.2492, 33.0332 by changing the saturation by 10% instead.


 39.5328, 30.2492,
33.0332


 39.5328, 30.2492,
33.0332


335.3187,
303.0643, 330.4359


 27.3570, 20.0278,
21.8806


 73.7404, 60.0561,
65.5440

 17.9795, 12.4153,
13.5717


 96.5030, 80.4103,
87.7392

 11.0349, 7.0272,
7.6880


 123.5253,
104.9110, 114.4523

 6.1578, 3.4791,
3.8111

155.1725,
133.9424, 146.1019

 2.9828, 1.3867,
1.5223

191.8101,
167.8891, 183.1065

 1.1447, 0.2069,
0.2344

233.8035,

 0.0620, 0.0000,

207.1354, 225.8847

0.0000

281.5179,
252.0657, 274.8550

■ 0.0000, 0.0000,
0.0000

■ 39.5328, 30.2492,
33.0332

■ 39.5328, 30.2492,
33.0332

■ 36.0938, 25.1282,
26.4697

■ 43.6802, 36.5583,
40.5370

■ 33.3189, 21.1157,
20.8056

■ 48.5716, 44.1196,
49.0159

■ 31.1627, 18.1292,
15.9994


■ 54.2432, 52.9981,
58.5052


■ 29.5725, 16.0725,
12.0049


■ 60.7282, 63.2527,
69.0378


■ 28.4860, 14.8311,
8.7709

■ 68.0575, 74.9388,
80.6448

 27.8809, 14.2557,
6.6125

 76.2607, 88.1088,
93.3563

 80.1489, 92.3788,
105.4620

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



37.9337, 30.2492, 48.9043



39.5328, 30.2492, 33.0332



37.9744, 30.2492, 21.0121

Triad

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



39.5328, 30.2492, 33.0332



24.2126, 30.2492, 14.2899



24.1604, 30.2492, 63.0983

Complementary

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



39.5328, 30.2492, 33.0332



40.0113, 54.2190, 53.1591

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.



21.1568, 30.2492, 48.6863



39.5328, 30.2492, 33.0332



21.1844, 30.2492, 20.8880

Square

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



39.5328, 30.2492, 33.0332



28.7848, 30.2492, 12.2944



20.1327, 30.2492, 32.8395



28.7171, 30.2492, 69.0692

Rectangle

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



39.5328, 30.2492, 33.0332



35.4475, 30.2492, 16.0027



20.1327, 30.2492, 32.8395



22.9558, 30.2492, 58.9069

Sweetspot

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



39.5336, 30.2507, 33.0338



81.9433, 79.2717, 87.6216



38.0548, 28.7753, 65.1765



17.1092, 16.2924, 18.0405



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.



39.5336, 30.2507, 33.0338



55.9679, 39.3977, 41.7315



39.4809, 33.3620, 23.0995



11.9615, 11.8693, 13.0731



16.8676, 8.6199, 4.2089



0.9790, 0.4963, 0.4243

Inverse Universe

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



39.5336, 30.2507, 33.0338



55.9679, 39.3977, 41.7315



39.7425, 48.5454, 68.9036



11.9615, 11.8693, 13.0731



16.8676, 8.6199, 4.2089



0.9790, 0.4963, 0.4243

Previews

White Background



This preview shows how the XYZ color 39.5328, 30.2492, 33.0332 looks on a white background.

Color Contrast Check

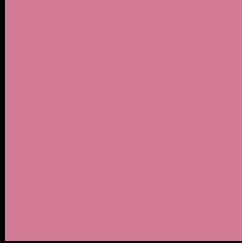
Large Text (above 18pt) WCAG AA × Fail

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 39.5328, 30.2492, 33.0332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

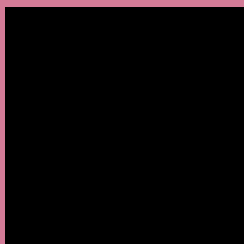
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5328, 30.2492, 33.0332

Background



This preview shows how black text looks on a background with the XYZ color 39.5328, 30.2492, 33.0332.



This preview shows how white text looks on a background with the XYZ color 39.5328, 30.2492,

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

39.5328, 30.2492, 33.0332

Protanopia

29.9352, 30.5808, 40.8841

Deuteranopia

30.9089, 30.3567, 31.8341



Tritanopia

38.1285, 30.2263, 26.7463

Trichromacy



Original Color

39.5328, 30.2492, 33.0332

Protanomaly

32.6057, 29.9873, 37.7878

Deuteranomaly

33.5824, 29.9745, 32.0327

Tritanomaly

38.7197, 30.2920, 29.0055

Monochromacy



Original Color

39.5328, 30.2492, 33.0332

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.7961, 30.6117, 33.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5328, 30.2492, 33.0332 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(211, 123, 151)` looks like.

```
.text, #text, p{  
    color:rgb(211, 123, 151)  
}
```

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(211, 123, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 123, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.5328, 30.2492, 33.0332 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(211, 123, 151) }
```


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

```
.border{ border-color:rgb(211, 123, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 123, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 123, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 123, 151);  
box-shadow:4px 4px 4px 4px rgb(211, 123,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5328, 30.2492, 33.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 123, 151) }
```

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

```
.background{ background-color: rgb(211,  
123, 151) }
```

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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