

Converting Colors

XYZ(38.1750, 29.3340, 31.1698)

Have a look what the booklet for
XYZ(38.1750, 29.3340, 31.1698)
contains.

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Color

**XYZ(38.2384, 29.4355,
31.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	D07A93
RGB	208, 122, 147
RGB Percent	82%, 48%, 58%
CMY	0.1843, 0.5215, 0.4235
CMYK	0.00, 0.41, 0.29, 0.18
HSL	343°, 48%, 65%
HSV	343°, 41%, 82%
XYZ	38.2384, 29.4355, 31.2700
YIQ	150.5640, 43.2310, 26.0070

Conversions

Conversions Part 2

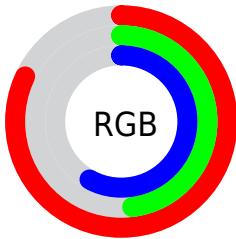
Format	Color
R _Y B	208, 122, 147
Decimal	13662867
CIE Lab	61.16, 36.51, 1.09
CIE LCh	61, 36.524, 1.708
Yxy	29.4355, 0.3865, 0.2975
Android (android.graphics.Color)	4291852947 (0xFFD07A93)
YUV	150.5640, -1.7571, 50.3714
Hunter-Lab	54.2545, 30.8609, 3.8059

Details

The XYZ color **38.2384, 29.4355, 31.2700** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.1305, 52.6689, 52.9061**, and the grayscale version is **29.2243, 30.7462, 33.4827**.

A 20% lighter version of the original color is **67.3079, 56.5277, 62.6218**, and **17.1734, 11.9489, 12.7105** is the 20% darker color. If you saturate the color by 10%, you get **34.8679, 24.4299, 24.7961**, and if you desaturate by 10%, it is **42.3056, 35.5964, 38.7094**.

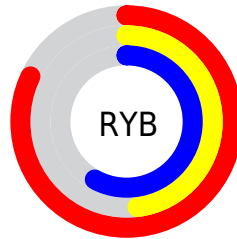
Distribution



Red (82%)

Green (48%)

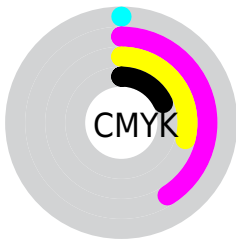
Blue (58%)



Red (82%)

Yellow (48%)

Blue (58%)

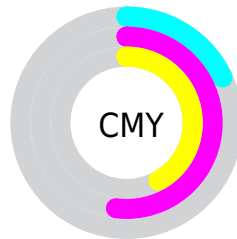


Cyan (0%)

Magenta (41%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (52%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2384, 29.4355, 31.2700 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 38.2384, 29.4355, 31.2700 by changing the saturation by 10% instead.


 38.2384, 29.4355,
31.2700


 38.2384, 29.4355,
31.2700


329.9047,
299.2643, 322.1699


 26.3458, 19.4105,
20.5443


 71.7749, 58.7683,
62.7495

 17.2166, 11.9673,
12.6034


 94.1496, 78.8449,
84.3403

 10.4853, 6.7214,
7.0285


 120.7490,
103.0408, 110.3901

 5.7866, 3.2885,
3.4012

151.9386,
131.7405, 141.3171

 2.7552, 1.2841,
1.3030

188.0835,
165.3283, 177.5401

 1.0257, 0.1289,
0.0642

229.5493,

 0.0000, 0.0000,

204.1886, 219.4776

0.0000

276.7013,
248.7058, 267.5480

■ 38.2384, 29.4355,
31.2700

■ 38.2384, 29.4355,
31.2700

■ 34.8679, 24.4299,
24.7961

■ 42.3056, 35.5964,
38.7094

■ 32.1508, 20.5028,
19.2447

■ 47.1044, 42.9746,
47.1513

■ 30.0428, 17.5745,
14.5719


■ 52.6703, 51.6328,
56.6325


■ 28.4924, 15.5525,
10.7292


■ 59.0357, 61.6280,
67.1878


■ 27.4391, 14.3268,
7.6625

■ 66.2311, 73.0140,
78.8498

 26.8403, 13.7410,
5.5763

 74.2854, 85.8412,
91.6503

 79.0719, 91.8497,
104.2345

 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



36.9033, 29.4355, 46.2596



38.2384, 29.4355, 31.2700



36.5739, 29.4355, 20.0823

Triad

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



38.2384, 29.4355, 31.2700



23.4076, 29.4355, 14.4305



23.8325, 29.4355, 61.3644

Complementary

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



38.2384, 29.4355, 31.2700



39.1305, 52.6689, 52.9061

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.



20.8462, 29.4355, 48.0217



38.2384, 29.4355, 31.2700



20.6213, 29.4355, 21.0967

Square

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



38.2384, 29.4355, 31.2700



27.7038, 29.4355, 12.2437



19.7391, 29.4355, 32.8434



28.2531, 29.4355, 66.3368

Rectangle

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



38.2384, 29.4355, 31.2700



34.0864, 29.4355, 15.4763



19.7391, 29.4355, 32.8434



22.6460, 29.4355, 57.5519

Sweetspot

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



38.2392, 29.4369, 31.2706



82.7534, 80.6866, 88.5239



37.6845, 28.4441, 63.1787



17.4505, 16.8611, 18.5057



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.



38.2392, 29.4369, 31.2706



55.6456, 39.2688, 40.0342



38.7879, 33.3397, 22.8050



11.9481, 11.8640, 13.0023



16.7651, 8.5789, 3.6690



0.9720, 0.4935, 0.3873

Inverse Universe

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



38.2392, 29.4369, 31.2706



55.6456, 39.2688, 40.0342



37.9995, 45.8670, 66.5251



11.9481, 11.8640, 13.0023



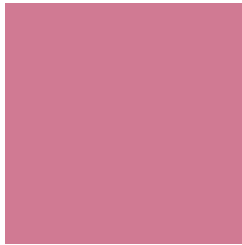
16.7651, 8.5789, 3.6690



0.9720, 0.4935, 0.3873

Previews

White Background



This preview shows how the XYZ color 38.2384, 29.4355, 31.2700 looks on a white background.

Color Contrast Check

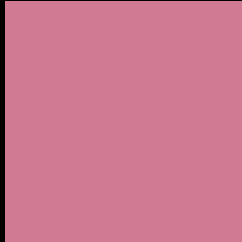
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2384, 29.4355, 31.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

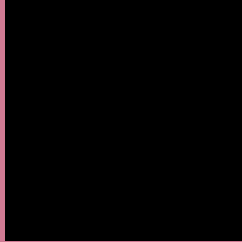
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2384, 29.4355, 31.2700

Background



This preview shows how black text looks on a background with the XYZ color 38.2384, 29.4355, 31.2700.



This preview shows how white text looks on a background with the XYZ color 38.2384, 29.4355,

31.2700.

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

38.2384, 29.4355, 31.2700

Protanopia

28.9879, 29.6791, 38.3832

Deuteranopia

30.0902, 29.5206, 30.0987



Tritanopia

37.2429, 29.4019, 26.2665

Trichromacy



Original Color

38.2384, 29.4355, 31.2700

Protanomaly

31.5365, 29.0463, 35.8426

Deuteranomaly

32.5204, 29.0449, 30.2778

Tritanomaly

37.4753, 29.2954, 28.1055

Monochromacy



Original Color

38.2384, 29.4355, 31.2700

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.8964, 29.7288, 32.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2384, 29.4355, 31.2700 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(208, 122, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 122, 147)  
}
```

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(208, 122, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 122, 147) }
```

Border

The CSS property to change the border of an element to XYZ 38.2384, 29.4355, 31.2700 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(208, 122, 147) }
```


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

```
.border{ border-color:rgb(208, 122, 147) }
```

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

Here you see how a box with a 4 pixel rgb(208, 122, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 122, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 122, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 122,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2384, 29.4355, 31.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 122, 147) }
```

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

```
.background{ background-color: rgb(208,  
122, 147) }
```

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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