

Converting Colors

XYZ(38.6662, 30.4681, 29.4959)

Have a look what the booklet for
XYZ(38.6662, 30.4681, 29.4959)
contains.

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Color

**XYZ(38.6378, 30.4300,
29.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	D17E8E
RGB	209, 126, 142
RGB Percent	82%, 49%, 56%
CMY	0.1804, 0.5059, 0.4431
CMYK	0.00, 0.40, 0.32, 0.18
HSL	348°, 47%, 66%
HSV	348°, 40%, 82%
XYZ	38.6378, 30.4300, 29.4283
YIQ	152.6410, 44.3320, 22.5720

Conversions

Conversions Part 2

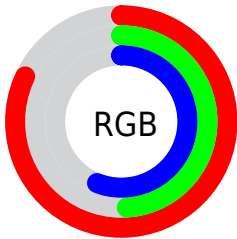
Format	Color
R _Y B	209, 126, 142
Decimal	13729422
CIE Lab	62.02, 34.08, 5.21
CIE LCh	62, 34.480, 8.696
Yxy	30.4300, 0.3923, 0.3089
Android (android.graphics.Color)	4291919502 (0xFFD17E8E)
YUV	152.6410, -5.2460, 49.4268
Hunter-Lab	55.1634, 28.4899, 6.9846

Details

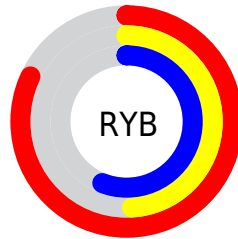
The XYZ color **38.6378, 30.4300, 29.4283** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0317, 53.8875, 58.6936**, and the grayscale version is **30.1316, 31.7008, 34.5222**.

A 20% lighter version of the original color is **67.5251, 57.8880, 59.8391**, and **17.3967, 12.4803, 11.6172** is the 20% darker color. If you saturate the color by 10%, you get **35.0668, 25.1640, 22.4541**, and if you desaturate by 10%, it is **42.9605, 36.8922, 37.5997**.

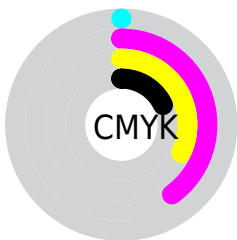
Distribution



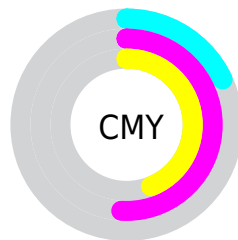
- Red (82%)
- Green (49%)
- Blue (56%)



- Red (82%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6378, 30.4300, 29.4283 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 38.6378, 30.4300, 29.4283 by changing the saturation by 10% instead.


 38.6378, 30.4300,
29.4283


 38.6378, 30.4300,
29.4283

331.5819,
303.9037, 313.3544


 26.6575, 20.1652,
19.1567

 72.3823, 60.3415,
59.8072

 17.4514, 12.5152,
11.6056


 94.8772, 80.7571,
80.7515

 10.6542, 7.0956,
6.3565


 121.6078,
105.3249, 106.0905

 5.9004, 3.5219,
2.9908

152.9392,
134.4296, 136.2427

 2.8247, 1.4099,
1.0899

189.2370,
168.4554, 171.6267

 1.0617, 0.2240,
0.0000

230.8665,

 0.0000, 0.0000,

207.7867, 212.6609

0.0000

278.1930,
252.8080, 259.7640

■ 38.6378, 30.4300,
29.4283

■ 38.6378, 30.4300,
29.4283

■ 35.0668, 25.1640,
22.4541

■ 42.9605, 36.8922,
37.5997

■ 32.2013, 21.0161,
16.6184

■ 48.0725, 44.6134,
47.0196

■ 29.9940, 17.9063,
11.8602


■ 54.0118, 53.6572,
57.7384


■ 28.3903, 15.7415,
8.1116


■ 60.8131, 64.0817,
69.8033


■ 27.3267, 14.4123,
5.2968

■ 68.5093, 75.9416,
83.2588

 26.6973, 13.7269,
3.3192

 77.1314, 89.2886,
98.1478

 26.6823, 13.7104,
3.2726

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



38.0278, 30.4300, 43.2780



38.6378, 30.4300, 29.4283



36.4362, 30.4300, 19.6209

Triad

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



38.6378, 30.4300, 29.4283



23.7100, 30.4300, 16.9613



25.8097, 30.4300, 62.9890

Complementary

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



38.6378, 30.4300, 29.4283



41.0317, 53.8875, 58.6936

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.



22.5205, 30.4300, 51.7502



38.6378, 30.4300, 29.4283



21.4012, 30.4300, 24.7121

Square

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



38.6378, 30.4300, 29.4283



27.5985, 30.4300, 13.7906



20.9902, 30.4300, 37.1365



30.2888, 30.4300, 65.2373

Rectangle

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



38.6378, 30.4300, 29.4283



33.7955, 30.4300, 15.7839



20.9902, 30.4300, 37.1365



24.5426, 30.4300, 60.0170

Sweetspot

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



38.6386, 30.4315, 29.4289



82.3280, 80.5165, 86.2842



40.8102, 30.7855, 64.1129



17.3510, 16.8213, 17.9817



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.



38.6386, 30.4315, 29.4289



55.5897, 40.3325, 36.3918



41.1119, 37.1641, 24.7471



11.9005, 11.8449, 12.7520



16.4791, 8.4645, 2.1630



0.9496, 0.4845, 0.2693

Inverse Universe

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



38.6386, 30.4315, 29.4289



55.5897, 40.3325, 36.3918



37.2753, 43.3628, 66.7269



11.9005, 11.8449, 12.7520



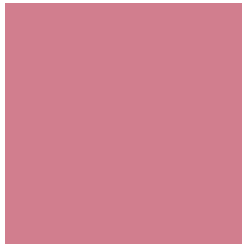
16.4791, 8.4645, 2.1630



0.9496, 0.4845, 0.2693

Previews

White Background



This preview shows how the XYZ color 38.6378, 30.4300, 29.4283 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 38.6378, 30.4300, 29.4283 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 38.6378, 30.4300, 29.4283

Background



This preview shows how black text looks on a background with the XYZ color 38.6378, 30.4300, 29.4283.



This preview shows how white text looks on a background with the XYZ color 38.6378, 30.4300,

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

38.6378, 30.4300, 29.4283

Protanopia

29.6127, 30.5369, 35.3438

Deuteranopia

31.1478, 30.5499, 28.6812



Tritanopia

38.0457, 30.3662, 27.1486

Trichromacy



Original Color

38.6378, 30.4300, 29.4283

Protanomaly

32.2635, 30.1360, 32.9705

Deuteranomaly

33.5893, 30.2608, 28.8815

Tritanomaly

38.1892, 30.4236, 27.9043

Monochromacy



Original Color

38.6378, 30.4300, 29.4283

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.4809, 30.6991, 32.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6378, 30.4300, 29.4283 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(209, 126, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 142)  
}
```

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(209, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 142) }
```

Border

The CSS property to change the border of an element to XYZ 38.6378, 30.4300, 29.4283 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(209, 126, 142) }
```


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

```
.border{ border-color:rgb(209, 126, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 126, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6378, 30.4300, 29.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 142) }
```

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

```
.background{ background-color: rgb(209,  
126, 142) }
```

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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