

Converting Colors

XYZ(38.2430, 29.9695, 30.0481)

Have a look what the booklet for
XYZ(38.2430, 29.9695, 30.0481)
contains.

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Color

**XYZ(38.3801, 30.0907,
30.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	D07D90
RGB	208, 125, 144
RGB Percent	82%, 49%, 56%
CMY	0.1843, 0.5098, 0.4353
CMYK	0.00, 0.40, 0.31, 0.18
HSL	346°, 47%, 65%
HSV	346°, 40%, 82%
XYZ	38.3801, 30.0907, 30.1708
YIQ	151.9830, 43.3690, 23.5050

Conversions

Conversions Part 2

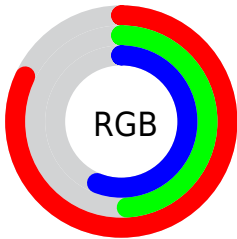
Format	Color
R _Y B	208, 125, 144
Decimal	13663632
CIE Lab	61.73, 34.51, 3.63
CIE LCh	62, 34.704, 6.009
Yxy	30.0907, 0.3891, 0.3051
Android (android.graphics.Color)	4291853712 (0xFFD07D90)
YUV	151.9830, -3.9356, 49.1269
Hunter-Lab	54.8550, 28.8939, 5.7884

Details

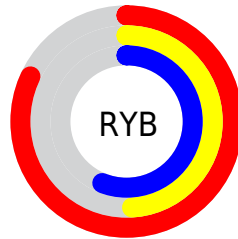
The XYZ color **38.3801, 30.0907, 30.1708** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2000, 53.1466, 56.2864**, and the grayscale version is **29.8417, 31.3958, 34.1901**.

A 20% lighter version of the original color is **67.5531, 57.5774, 60.9792**, and **17.2317, 12.2850, 12.0527** is the 20% darker color. If you saturate the color by 10%, you get **34.8773, 24.9095, 23.3786**, and if you desaturate by 10%, it is **42.6101, 36.4472, 38.0654**.

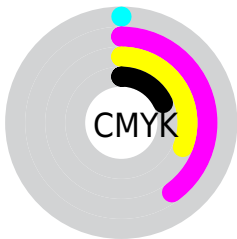
Distribution



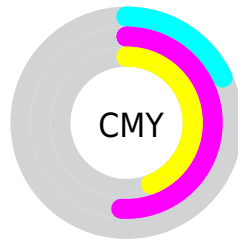
- Red (82%)
- Green (49%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3801, 30.0907, 30.1708 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 38.3801, 30.0907, 30.1708 by changing the saturation by 10% instead.


 38.3801, 30.0907,
30.1708


 38.3801, 30.0907,
30.1708


330.5004,
302.3270, 316.9318


 26.4564, 19.9074,
19.7151


 71.9905, 59.8056,
60.9964

 17.2998, 12.3278,
12.0061


 94.4079, 80.1060,
82.2034

 10.5451, 6.9673,
6.6253


 121.0539,
104.5476, 107.8312

 5.8269, 3.4417,
3.1540

152.2939,
133.5148, 138.2984

 2.7798, 1.3664,
1.1738

188.4932,
167.3919, 174.0235

 1.0384, 0.1918,
0.0000

230.0171,

 0.0000, 0.0000,

206.5634, 215.4251

0.0000

277.2311,
251.4136, 262.9217

■ 38.3801, 30.0907,
30.1708

■ 38.3801, 30.0907,
30.1708

■ 34.8773, 24.9095,
23.3786

■ 42.6101, 36.4472,
38.0654

■ 32.0572, 20.8268,
17.6369

■ 47.6034, 44.0407,
47.1074

■ 29.8742, 17.7638,
12.8922

■ 53.3966, 52.9339,
57.3413

■ 28.2758, 15.6290,
9.0855

■ 60.0232, 63.1838,
68.8089

■ 27.2006, 14.3144,
6.1506

■ 67.5148, 74.8442,
81.5498

■ 26.5434, 13.6259,
4.0020

■ 75.9012, 87.9657,
95.6017

■ 26.5379, 13.6201,
3.9841

■ 79.8225, 92.1500,
108.1874

Harmonies

Analogous

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



37.5121, 30.0907, 44.2398



38.3801, 30.0907, 30.1708



36.4083, 30.0907, 19.9627

Triad

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



38.3801, 30.0907, 30.1708



23.6872, 30.0907, 16.1867



25.1370, 30.0907, 61.9513

Complementary

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



38.3801, 30.0907, 30.1708



40.2000, 53.1466, 56.2864

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.



21.9969, 30.0907, 50.1205



38.3801, 30.0907, 30.1708



21.2252, 30.0907, 23.4665

Square

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



38.3801, 30.0907, 30.1708



27.6800, 30.0907, 13.4106



20.6413, 30.0907, 35.5010



29.5408, 30.0907, 65.1532

Rectangle

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



38.3801, 30.0907, 30.1708



33.8619, 30.0907, 15.8674



20.6413, 30.0907, 35.5010



23.9141, 30.0907, 58.7211

Sweetspot

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



38.3809, 30.0922, 30.1714



82.4842, 80.5789, 87.1064



39.6153, 29.9948, 63.3764



17.3875, 16.8359, 18.1740



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.



38.3809, 30.0922, 30.1714



55.9719, 40.4854, 38.4046



40.1696, 35.8009, 24.1969



11.9180, 11.8519, 12.8440



16.5707, 8.5011, 2.6455



0.9577, 0.4878, 0.3118

Inverse Universe

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



38.3809, 30.0922, 30.1714



55.9719, 40.4854, 38.4046



37.3746, 43.9768, 66.1933



11.9180, 11.8519, 12.8440



16.5707, 8.5011, 2.6455



0.9577, 0.4878, 0.3118

Previews

White Background



This preview shows how the XYZ color 38.3801, 30.0907, 30.1708 looks on a white background.

Color Contrast Check

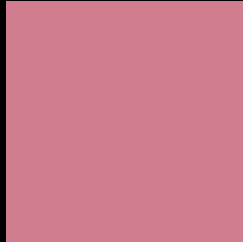
Large Text (above 18pt) WCAG AA × Fail

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 38.3801, 30.0907, 30.1708 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 38.3801, 30.0907, 30.1708

Background



This preview shows how black text looks on a background with the XYZ color 38.3801, 30.0907, 30.1708.



This preview shows how white text looks on a background with the XYZ color 38.3801, 30.0907,

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

38.3801, 30.0907, 30.1708

Protanopia

29.4967, 30.4475, 36.6701

Deuteranopia

30.7173, 30.0851, 29.3873



Tritanopia

37.6369, 29.9647, 27.0926

Trichromacy



Original Color

38.3801, 30.0907, 30.1708

Protanomaly

31.9224, 29.7140, 34.1899

Deuteranomaly

33.1195, 29.7894, 29.5955

Tritanomaly

37.8532, 30.0512, 28.2315

Monochromacy



Original Color

38.3801, 30.0907, 30.1708

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.1111, 30.2866, 32.5872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3801, 30.0907, 30.1708 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, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(208, 125, 144)  
}
```

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, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 125, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.3801, 30.0907, 30.1708 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, 125, 144) }
```


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

```
.border{ border-color:rgb(208, 125, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(208, 125,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3801, 30.0907, 30.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 125, 144) }
```

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

```
.background{ background-color: rgb(208,  
125, 144) }
```

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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