

Converting Colors

XYZ(38.1238, 30.6236, 34.9120)

Have a look what the booklet for
XYZ(38.1238, 30.6236, 34.9120)
contains.

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Color

**XYZ(38.1238, 30.6236,
34.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	CA819B
RGB	202, 129, 155
RGB Percent	79%, 51%, 61%
CMY	0.2078, 0.4941, 0.3922
CMYK	0.00, 0.36, 0.23, 0.21
HSL	339°, 41%, 65%
HSV	339°, 36%, 79%
XYZ	38.1238, 30.6236, 34.9120
YIQ	153.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

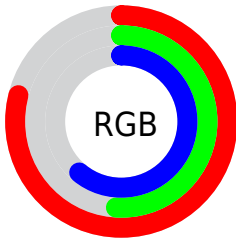
Format	Color
R_{YB}	202, 129, 155
Decimal	13271451
CIE Lab	62.19, 31.72, -2.08
CIE LCh	62, 31.790, 356.247
Yxy	30.6236, 0.3678, 0.2954
Android (android.graphics.Color)	4291461531 (0xFFCA819B)
YUV	153.7910, 0.5960, 42.2793
Hunter-Lab	55.3386, 26.1295, 1.3322

Details

The XYZ color **38.1238, 30.6236, 34.9120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0116, 50.0436, 48.7326**, and the grayscale version is **30.6110, 32.2051, 35.0714**.

A 20% lighter version of the original color is **69.6821, 59.7304, 68.1781**, and **17.0771, 12.5592, 14.6208** is the 20% darker color. If you saturate the color by 10%, you get **34.6872, 25.4052, 28.6646**, and if you desaturate by 10%, it is **42.2057, 36.9439, 41.9557**.

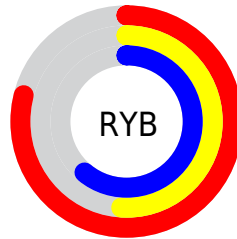
Distribution



Red (79%)

Green (51%)

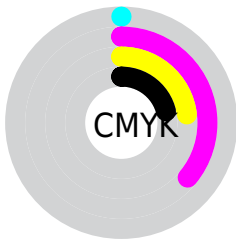
Blue (61%)



Red (79%)

Yellow (51%)

Blue (61%)

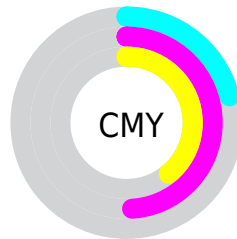


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1238, 30.6236, 34.9120 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 38.1238, 30.6236, 34.9120 by changing the saturation by 10% instead.


 38.1238, 30.6236,
34.9120


 38.1238, 30.6236,
34.9120


329.4224,
304.8005, 339.0722


 26.2564, 20.3124,
23.3121


 71.6005, 60.6470,
68.4994

 17.1493, 12.6223,
14.6167


 93.9406, 81.1279,
91.3241

 10.4369, 7.1690,
8.4072


 120.5023,
105.7676, 118.7273

 5.7541, 3.5680,
4.2651

151.6510,
134.9504, 151.1277

 2.7354, 1.4350,
1.7719

187.7519,
169.0607, 188.9439

 1.0154, 0.2423,
0.4093

229.1706,

 0.0000, 0.0000,

208.4829, 232.5944

0.0000

276.2723,
253.6013, 282.4976

■ 38.1238, 30.6236,
34.9120

■ 38.1238, 30.6236,
34.9120

■ 34.6872, 25.4052,
28.6646

■ 42.2057, 36.9439,
41.9557

■ 31.8586, 21.2205,
23.1817

■ 46.9626, 44.4203,
49.8220

■ 29.6003, 18.0006,
18.4320


■ 52.4251, 53.1086,
58.5383


■ 27.8696, 15.6661,
14.3807


■ 58.6214, 63.0599,
68.1301


■ 26.6168, 14.1250,
10.9897


■ 65.5780, 74.3222,
78.6216

 25.7803, 13.2614,
8.2154

 73.3201, 86.9409,
90.0362

 25.5250, 13.0237,
7.2889

 76.7586, 90.7332,
100.6921

 78.1673, 91.2966,
108.1099

Harmonies

Analogous

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



36.5063, 30.6236, 48.2429



38.1238, 30.6236, 34.9120



37.1370, 30.6236, 23.9619

Triad

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



38.1238, 30.6236, 34.9120



25.6140, 30.6236, 16.3460



24.7660, 30.6236, 57.0539

Complementary

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



38.1238, 30.6236, 34.9120



38.0116, 50.0436, 48.7326

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.



22.3267, 30.6236, 44.9018



38.1238, 30.6236, 34.9120



22.7815, 30.6236, 21.8795

Square

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



38.1238, 30.6236, 34.9120



29.6493, 30.6236, 14.9096



21.6371, 30.6236, 31.8235



28.5710, 30.6236, 62.8562

Rectangle

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



38.1238, 30.6236, 34.9120



35.1826, 30.6236, 19.0423



21.6371, 30.6236, 31.8235



23.7742, 30.6236, 53.4504

Sweetspot

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



38.1247, 30.6250, 34.9126



83.9726, 82.2817, 91.5305



36.2438, 29.1074, 59.5855



17.7041, 17.1833, 19.1602



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.



38.1247, 30.6250, 34.9126



60.1127, 45.0954, 51.1034



37.5147, 32.5311, 25.0725



11.3746, 11.2786, 12.5073



16.4637, 8.3961, 4.8945



0.8853, 0.4475, 0.4419

Inverse Universe

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



38.1247, 30.6250, 34.9126



60.1127, 45.0954, 51.1034



38.6233, 46.7488, 62.8652



11.3746, 11.2786, 12.5073



16.4637, 8.3961, 4.8945



0.8853, 0.4475, 0.4419

Previews

White Background



This preview shows how the XYZ color 38.1238, 30.6236, 34.9120 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

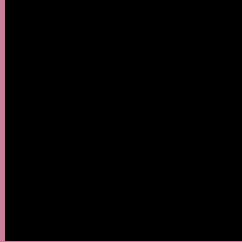
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1238, 30.6236, 34.9120

Background



This preview shows how black text looks on a background with the XYZ color 38.1238, 30.6236, 34.9120.



This preview shows how white text looks on a background with the XYZ color 38.1238, 30.6236,

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

38.1238, 30.6236, 34.9120

Protanopia

30.1870, 30.9357, 41.4260

Deuteranopia

31.4634, 30.8241, 33.9971



Tritanopia

37.0114, 30.5732, 29.1498

Trichromacy



Original Color

38.1238, 30.6236, 34.9120

Protanomaly

32.4323, 30.3152, 38.7924

Deuteranomaly

33.4880, 30.5211, 34.2631

Tritanomaly

37.2583, 30.4581, 31.1094

Monochromacy



Original Color

38.1238, 30.6236, 34.9120

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.7527, 31.2418, 34.8759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1238, 30.6236, 34.9120 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(202, 129, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 129, 155)  
}
```

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(202, 129, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 129, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.1238, 30.6236, 34.9120 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(202, 129, 155) }
```


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

```
.border{ border-color:rgb(202, 129, 155) }
```

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

Here you see how a box with a 4 pixel rgb(202, 129, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 129, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 129, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 129,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1238, 30.6236, 34.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 129, 155) }
```

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

```
.background{ background-color: rgb(202,  
129, 155) }
```

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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