

Converting Colors

XYZ(38.0340, 36.4476, 25.2807)

Have a look what the booklet for
XYZ(38.0340, 36.4476, 25.2807)
contains.

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Color

**XYZ(38.1233, 36.6033,
25.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	C39B80
RGB	195, 155, 128
RGB Percent	76%, 61%, 50%
CMY	0.2353, 0.3921, 0.4980
CMYK	0.00, 0.21, 0.34, 0.24
HSL	24°, 36%, 63%
HSV	24°, 34%, 76%
XYZ	38.1233, 36.6033, 25.4779
YIQ	163.8820, 32.5070, 0.0830

Conversions

Conversions Part 2

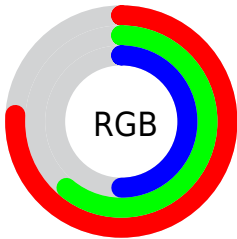
Format	Color
R _Y B	195, 173, 128
Decimal	12819328
CIE Lab	66.98, 11.08, 19.82
CIE LCh	67, 22.707, 60.807
Yxy	36.6033, 0.3805, 0.3653
Android (android.graphics.Color)	4291009408 (0xFFC39B80)
YUV	163.8820, -17.6898, 27.2905
Hunter-Lab	60.5007, 6.6021, 17.3824

Details

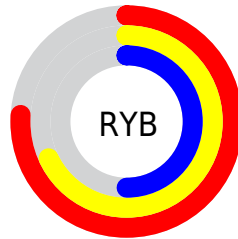
The XYZ color **38.1233, 36.6033, 25.4779** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.7546, 36.5334, 56.9551**, and the grayscale version is **35.3019, 37.1403, 40.4458**.

A 20% lighter version of the original color is **71.6490, 69.8198, 53.4163**, and **17.1768, 16.0406, 9.5880** is the 20% darker color. If you saturate the color by 10%, you get **35.1165, 32.4500, 18.7403**, and if you desaturate by 10%, it is **41.5655, 41.2322, 33.5784**.

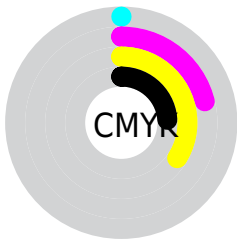
Distribution



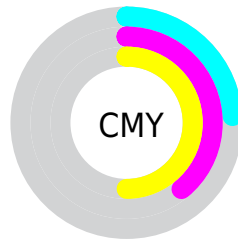
- Red (76%)
- Green (61%)
- Blue (50%)



- Red (76%)
- Yellow (68%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1233, 36.6033, 25.4779 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 38.1233, 36.6033, 25.4779 by changing the saturation by 10% instead.


 38.1233, 36.6033,
25.4779


 38.1233, 36.6033,
25.4779

329.4203,
331.5898, 293.7331


 26.2560, 24.9005,
16.2112


 71.5998, 69.9622,
53.4052

 17.1490, 16.0029,
9.5178


 93.9397, 92.3872,
72.9028

 10.4367, 9.5262,
4.9790


 120.5012,
119.1549, 96.6479

 5.7539, 5.0860,
2.1764

151.6497,
150.6499, 125.0589

 2.7353, 2.2978,
0.6607

187.7505,
187.2564, 158.5544

 1.0154, 0.7725,
0.0000

229.1690,

 0.0000, 0.0000,

229.3590, 197.5529

0.0000

276.2704,
277.3420, 242.4729

■ 38.1233, 36.6033,
25.4779

■ 38.1233, 36.6033,
25.4779

■ 35.1165, 32.4500,
18.7403

■ 41.5655, 41.2322,
33.5784

■ 32.5228, 28.7511,
13.2869

■ 45.4583, 46.3470,
43.1098

■ 30.3220, 25.4910,
9.0343


■ 49.8196, 51.9638,
54.1386


■ 28.4908, 22.6512,
5.8882


■ 54.6656, 58.0967,
66.7260


■ 27.0029, 20.2113,
3.7401


■ 60.0114, 64.7589,
80.9301


 25.8273, 18.1487,
2.4585

 65.8716, 71.9633,
96.8058

 25.2725, 17.1357,
1.9755

 70.6922, 79.0950,
106.1487

 74.1630, 86.0367,
107.3057

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



40.7974, 36.6033, 30.9045



38.1233, 36.6033, 25.4779



34.6971, 36.6033, 23.7321

Triad

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



38.1233, 36.6033, 25.4779



28.5766, 36.6033, 40.1227



38.2954, 36.6033, 58.4764

Complementary

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



38.1233, 36.6033, 25.4779



32.7546, 36.5334, 56.9551

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.



34.8838, 36.6033, 61.9999



38.1233, 36.6033, 25.4779



29.4039, 36.6033, 50.3850

Square

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



38.1233, 36.6033, 25.4779



29.3206, 36.6033, 31.2970



31.6575, 36.6033, 58.8223



40.9013, 36.6033, 49.8456

Rectangle

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



38.1233, 36.6033, 25.4779



32.4893, 36.6033, 24.6175



31.6575, 36.6033, 58.8223



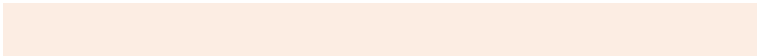
37.1976, 36.6033, 60.3556

Sweetspot

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



38.1242, 36.6050, 25.4786



84.5958, 87.1256, 85.1797



37.3116, 29.8754, 40.9438



18.2845, 18.7682, 18.0466



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.



38.1242, 36.6050, 25.4786



64.2858, 60.0624, 36.6159



44.4495, 49.2555, 27.5871



10.3990, 10.7294, 10.5848



16.5035, 11.2927, 1.3099



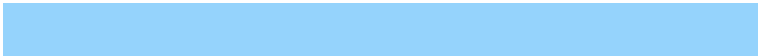
0.7806, 0.6230, 0.0791

Inverse Universe

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



32.7546, 36.5334, 56.9551



53.2545, 59.8971, 101.2243



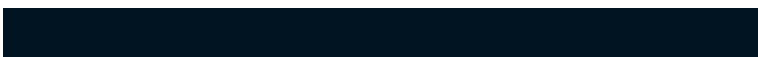
27.3750, 25.7741, 55.1619



10.0170, 10.7253, 12.8271



10.5760, 10.9085, 35.1047



0.5231, 0.6035, 1.5388

Previews

White Background



This preview shows how the XYZ color 38.1233, 36.6033, 25.4779 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 38.1233, 36.6033, 25.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

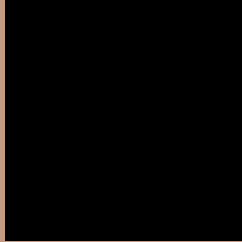
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1233, 36.6033, 25.4779

Background



This preview shows how black text looks on a background with the XYZ color 38.1233, 36.6033, 25.4779.



This preview shows how white text looks on a background with the XYZ color 38.1233, 36.6033,

25.4779.

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

38.1233, 36.6033, 25.4779

Protanopia

34.4956, 36.7446, 27.1041

Deuteranopia

37.4391, 36.7488, 25.5421



Tritanopia

40.9811, 36.5634, 39.0799

Trichromacy



Original Color

38.1233, 36.6033, 25.4779

Protanomaly

35.7236, 36.6041, 26.6552

Deuteranomaly

37.5230, 36.5419, 25.4977

Tritanomaly

40.0220, 36.6642, 33.8217

Monochromacy



Original Color

38.1233, 36.6033, 25.4779

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.0100, 36.8381, 34.4907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1233, 36.6033, 25.4779 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(195, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 128)  
}
```

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(195, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.1233, 36.6033, 25.4779 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(195, 155, 128) }
```


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

```
.border{ border-color:rgb(195, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 155, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 155, 128); box-shadow:4px 4px 4px 4px rgb(195, 155, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1233, 36.6033, 25.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 128) }
```

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

```
.background{ background-color: rgb(195,  
155, 128) }
```

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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