

Converting Colors

XYZ(38.9157, 38.2496, 26.8046)

Have a look what the booklet for
XYZ(38.9157, 38.2496, 26.8046)
contains.

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Color

**XYZ(38.9157, 38.2496,
26.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A083
RGB	194, 160, 131
RGB Percent	76%, 63%, 51%
CMY	0.2392, 0.3725, 0.4863
CMYK	0.00, 0.18, 0.32, 0.24
HSL	28°, 34%, 64%
HSV	28°, 32%, 76%
XYZ	38.9157, 38.2496, 26.8046
YIQ	166.8600, 29.5730, -1.8110

Conversions

Conversions Part 2

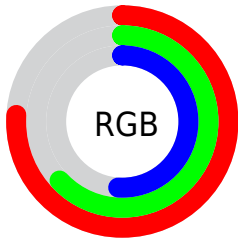
Format	Color
RYB	194, 185, 131
Decimal	12755075
CIELab	68.20, 8.33, 19.83
CIElCh	68, 21.511, 67.220
Yxy	38.2496, 0.3743, 0.3679
Android (android.graphics.Color)	4290945155 (0xFFC2A083)
YUV	166.8600, -17.6790, 23.8018
Hunter-Lab	61.8463, 4.0871, 17.5957

Details

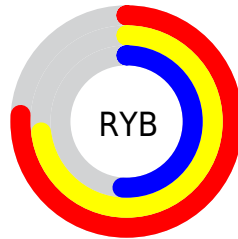
The XYZ color **38.9157, 38.2496, 26.8046** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5526, 35.6297, 56.2006**, and the grayscale version is **36.7365, 38.6496, 42.0895**.

A 20% lighter version of the original color is **72.7358, 72.5708, 55.5214**, and **17.6013, 17.0203, 10.1421** is the 20% darker color. If you saturate the color by 10%, you get **35.9832, 34.2953, 19.9363**, and if you desaturate by 10%, it is **42.2493, 42.6116, 35.0221**.

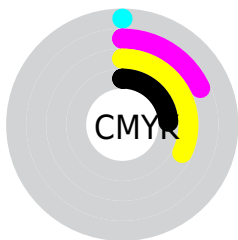
Distribution



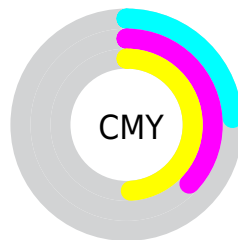
- Red (76%)
- Green (63%)
- Blue (51%)



- Red (76%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9157, 38.2496, 26.8046 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 38.9157, 38.2496, 26.8046 by changing the saturation by 10% instead.


 38.9157, 38.2496,
26.8046


 38.9157, 38.2496,
26.8046


332.7453,
338.6895, 300.4400


 26.8746, 26.1765,
17.1954


 72.8044, 72.4905,
55.5701

 17.6152, 16.9557,
10.2105


 95.3827, 95.4272,
75.5634

 10.7721, 10.2029,
5.4313


 122.2041,
122.7537, 99.8552

 5.9799, 5.5337,
2.4393

153.6340,
154.8546, 128.8640

 2.8734, 2.5637,
0.8078

190.0377,
192.1142, 163.0083

 1.0872, 0.9084,
0.0000

231.7806,

 0.0144, 0.0000,

234.9170, 202.7068

0.0000

279.2280,
283.6473, 248.3778

■ 0.0000, 0.0000,
0.0000

■ 38.9157, 38.2496,
26.8046

■ 38.9157, 38.2496,
26.8046

■ 35.9832, 34.2953,
19.9363

■ 42.2493, 42.6116,
35.0221

■ 33.4312, 30.7304,
14.3410

■ 45.9973, 47.3884,
44.6544

■ 31.2417, 27.5428,
9.9385


■ 50.1760, 52.5933,
55.7659


■ 29.3939, 24.7176,
6.6385


■ 54.7998, 58.2377,
68.4161


■ 27.8639, 22.2387,
4.3374


■ 59.8827, 64.3322,
82.6612


 26.6241, 20.0878,
2.9113

 65.4376, 70.8872,
98.5547

 25.8467, 18.6664,
2.2407

 69.5180, 77.1290,
105.8311

 72.5750, 83.2430,
106.8501

 75.8108, 89.7146,
107.9287

Harmonies

Analogous

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



41.7491, 38.2496, 31.4232



38.9157, 38.2496, 26.8046



35.5487, 38.2496, 25.8493

Triad

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



38.9157, 38.2496, 26.8046



30.3121, 38.2496, 44.0177



40.4068, 38.2496, 58.1965

Complementary

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



38.9157, 38.2496, 26.8046



32.5526, 35.6297, 56.2006

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.



37.1736, 38.2496, 62.8444



38.9157, 38.2496, 26.8046



31.4469, 38.2496, 53.8785

Square

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



38.9157, 38.2496, 26.8046



30.7151, 38.2496, 34.8830



33.9094, 38.2496, 61.1534



42.6464, 38.2496, 49.2340

Rectangle

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



38.9157, 38.2496, 26.8046



33.4778, 38.2496, 27.2591



33.9094, 38.2496, 61.1534



39.3927, 38.2496, 60.3735

Sweetspot

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



38.9167, 38.2514, 26.8054



85.0174, 87.9688, 85.3203



37.2157, 30.4428, 39.8233



18.3887, 18.9766, 18.0813



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.



38.9167, 38.2514, 26.8054



66.6377, 64.1073, 39.4312



44.9432, 50.3045, 28.8142



10.4467, 10.8249, 10.6007



17.0736, 12.4329, 1.4999



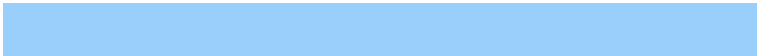
0.8066, 0.6749, 0.0878

Inverse Universe

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



32.5526, 35.6297, 56.2006



53.3102, 58.6117, 100.9732



27.6440, 25.8126, 54.5645



9.9684, 10.6281, 12.8109



9.7854, 9.3272, 34.8412



0.4911, 0.5397, 1.5282

Previews

White Background



This preview shows how the XYZ color 38.9157, 38.2496, 26.8046 looks on a white background.

Color Contrast Check

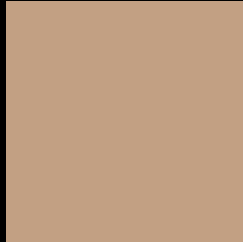
Large Text (above 18pt) WCAG AA × Fail

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 38.9157, 38.2496, 26.8046 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 38.9157, 38.2496, 26.8046

Background



This preview shows how black text looks on a background with the XYZ color 38.9157, 38.2496, 26.8046.



This preview shows how white text looks on a background with the XYZ color 38.9157, 38.2496,

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

38.9157, 38.2496, 26.8046

Protanopia

36.0708, 38.3408, 28.0536

Deuteranopia

39.1732, 38.3824, 26.8166



Tritanopia

41.9851, 38.2385, 41.7271

Trichromacy



Original Color

38.9157, 38.2496, 26.8046

Protanomaly

37.0375, 38.3117, 27.6331

Deuteranomaly

39.1732, 38.3824, 26.8166

Tritanomaly

40.9157, 38.3174, 35.8113

Monochromacy



Original Color

38.9157, 38.2496, 26.8046

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2397, 38.2311, 35.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9157, 38.2496, 26.8046 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(194, 160, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 131)  
}
```

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(194, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.9157, 38.2496, 26.8046 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(194, 160, 131) }
```


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

```
.border{ border-color:rgb(194, 160, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9157, 38.2496, 26.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 131) }
```

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

```
.background{ background-color: rgb(194,  
160, 131) }
```

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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