

Converting Colors

XYZ(40.7030, 38.4057, 19.4212)

Have a look what the booklet for
XYZ(40.7030, 38.4057, 19.4212)
contains.

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Color

**XYZ(40.6077, 38.2695,
19.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	D09C6C
RGB	208, 156, 108
RGB Percent	82%, 61%, 42%
CMY	0.1843, 0.3882, 0.5765
CMYK	0.00, 0.25, 0.48, 0.18
HSL	29°, 52%, 62%
HSV	29°, 48%, 82%
XYZ	40.6077, 38.2695, 19.4339
YIQ	166.0760, 46.4000, -3.9040

Conversions

Conversions Part 2

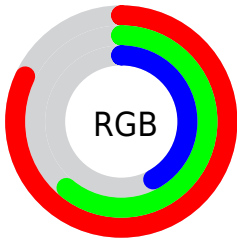
Format	Color
R_{YB}	208, 200, 108
Decimal	13671532
CIE _{Lab}	68.22, 13.57, 32.60
CIE _{LCh}	68, 35.310, 67.398
Yxy	38.2695, 0.4131, 0.3893
Android (android.graphics.Color)	4291861612 (0xFFD09C6C)
YUV	166.0760, -28.6315, 36.7673
Hunter-Lab	61.8623, 8.9119, 24.6778

Details

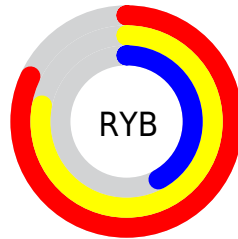
The XYZ color **40.6077, 38.2695, 19.4339** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.1399, 32.8827, 64.4329**, and the grayscale version is **36.4015, 38.2972, 41.7056**.

A 20% lighter version of the original color is **70.8794, 70.3866, 43.1079**, and **18.6035, 16.9982, 6.4381** is the 20% darker color. If you saturate the color by 10%, you get **37.8955, 34.4103, 13.7047**, and if you desaturate by 10%, it is **43.7475, 42.5613, 26.6093**.

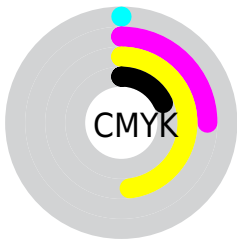
Distribution



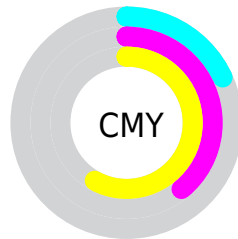
- Red (82%)
- Green (61%)
- Blue (42%)



- Red (82%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (18%)



- Cyan (18%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6077, 38.2695, 19.4339 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 40.6077, 38.2695, 19.4339 by changing the saturation by 10% instead.

40.6077, 38.2695,
19.4339

40.6077, 38.2695,
19.4339

339.7690,
338.7746, 261.3359

28.1990, 26.1919,
11.8042

75.3665, 72.5210,
43.3124

18.6169, 16.9673,
6.4896

98.4473, 95.4638,
60.3984

11.4962, 10.2112,
3.0715

125.8161,
122.7970, 81.4735

6.4714, 5.5392,
1.1312

157.8384,
154.9051, 106.9564

3.1771, 2.5670,
0.0000

194.8795,
192.1726, 137.2655

1.2481, 0.9101,
0.0000

237.3047,

0.1439, 0.0000,

234.9837, 172.8194

0.0000

285.4794,
283.7229, 214.0367

■ 0.0000, 0.0000,
0.0000

■ 40.6077, 38.2695,
19.4339

■ 40.6077, 38.2695,
19.4339

■ 37.8955, 34.4103,
13.7047

■ 43.7475, 42.5613,
26.6093

■ 35.5847, 30.9621,
9.3173

■ 47.3334, 47.2950,
35.3204

■ 33.6504, 27.9093,
6.1573


■ 51.3858, 52.4867,
45.6524


■ 32.0625, 25.2326,
4.0890


■ 55.9232, 58.1496,
57.6832


■ 30.7788, 22.9076,
2.9143


■ 60.9628, 64.2965,
71.4859

 30.5551, 22.4953,
2.7316

 66.5210, 70.9397,
87.1291

 72.6134, 78.0908,
104.6778

 75.9713, 84.4477,
106.9037

 79.2955, 91.0960,
108.0117

Harmonies

Analogous

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



45.4747, 38.2695, 25.7989



40.6077, 38.2695, 19.4339



35.0243, 38.2695, 18.2087

Triad

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



40.6077, 38.2695, 19.4339



26.8308, 38.2695, 45.7072



43.2090, 38.2695, 70.7843

Complementary

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



40.6077, 38.2695, 19.4339



30.1399, 32.8827, 64.4329

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.



37.7580, 38.2695, 79.6684



40.6077, 38.2695, 19.4339



28.5765, 38.2695, 62.9927

Square

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



40.6077, 38.2695, 19.4339



27.4285, 38.2695, 31.0440



32.4453, 38.2695, 76.5047



47.0794, 38.2695, 54.4776

Rectangle

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



40.6077, 38.2695, 19.4339



31.7049, 38.2695, 20.0878



32.4453, 38.2695, 76.5047



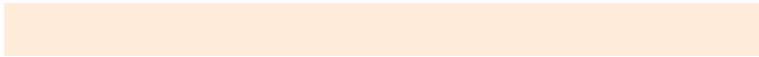
41.4803, 38.2695, 74.9038

Sweetspot

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



40.6086, 38.2713, 19.4347



84.1873, 86.6335, 79.5099



37.8377, 26.7204, 37.0362



17.6914, 18.1313, 16.1553



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.



40.6086, 38.2713, 19.4347



59.8391, 54.2036, 21.2460



50.4710, 57.9960, 22.7221



12.2703, 12.7312, 12.4227



19.1393, 14.2117, 1.7344



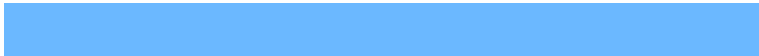
1.1494, 0.9531, 0.1234

Inverse Universe

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



30.1399, 32.8827, 64.4329



41.2662, 44.6336, 101.0479



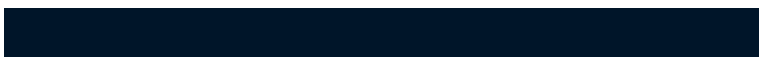
23.2908, 19.1845, 62.1499



11.6649, 12.4201, 15.0262



10.5454, 9.7374, 38.5162



0.6689, 0.7029, 2.1800

Previews

White Background



This preview shows how the XYZ color 40.6077, 38.2695, 19.4339 looks on a white background.

Color Contrast Check

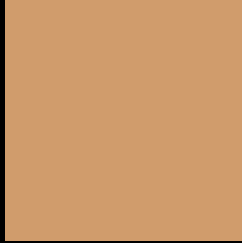
Large Text (above 18pt) WCAG AA × Fail

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 40.6077, 38.2695, 19.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

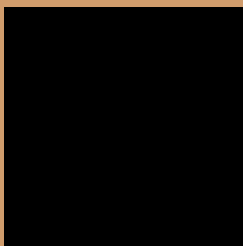
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6077, 38.2695, 19.4339

Background



This preview shows how black text looks on a background with the XYZ color 40.6077, 38.2695, 19.4339.



This preview shows how white text looks on a background with the XYZ color 40.6077, 38.2695,

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

40.6077, 38.2695, 19.4339

Protanopia

35.7994, 38.6310, 20.8989

Deuteranopia

39.1394, 38.2753, 19.2349



Tritanopia

44.6210, 38.2142, 38.7425

Trichromacy



Original Color

40.6077, 38.2695, 19.4339

Protanomaly

37.4523, 38.4184, 20.4805

Deuteranomaly

39.7825, 38.3526, 19.2159

Tritanomaly

42.9747, 38.2584, 30.7108

Monochromacy



Original Color

40.6077, 38.2695, 19.4339

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0872, 37.7088, 32.1119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6077, 38.2695, 19.4339 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, 156, 108)` looks like.

```
.text, #text, p{  
    color:rgb(208, 156, 108)  
}
```

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, 156, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 156, 108) }
```

Border

The CSS property to change the border of an element to XYZ 40.6077, 38.2695, 19.4339 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, 156, 108) }
```


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

```
.border{ border-color:rgb(208, 156, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 156, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 156, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 156, 108);  
box-shadow:4px 4px 4px 4px rgb(208, 156,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6077, 38.2695, 19.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 156, 108) }
```

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

```
.background{ background-color: rgb(208,  
156, 108) }
```

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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