

Converting Colors

XYZ(38.8297, 40.0118, 19.0677)

Have a look what the booklet for
XYZ(38.8297, 40.0118, 19.0677)
contains.

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Color

**XYZ(38.6917, 39.8945,
19.0257)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A669
RGB	195, 166, 105
RGB Percent	76%, 65%, 41%
CMY	0.2353, 0.3490, 0.5882
CMYK	0.00, 0.15, 0.46, 0.24
HSL	41°, 43%, 59%
HSV	41°, 46%, 76%
XYZ	38.6917, 39.8945, 19.0257
YIQ	167.7170, 36.8650, -12.8230

Conversions

Conversions Part 2

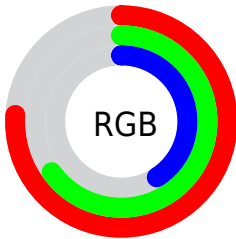
Format	Color
RYB	148, 195, 105
Decimal	12822121
CIELab	69.39, 2.48, 35.42
CIElCh	69, 35.506, 85.987
Yxy	39.8945, 0.3964, 0.4087
Android (android.graphics.Color)	4291012201 (0xFFC3A669)
YUV	167.7170, -30.9195, 23.9272
Hunter-Lab	63.1621, -1.1885, 26.3541

Details

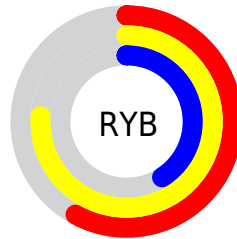
The XYZ color **38.6917, 39.8945, 19.0257** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.2008, 23.9926, 54.9851**, and the grayscale version is **37.2156, 39.1537, 42.6384**.

A 20% lighter version of the original color is **72.4503, 75.0299, 42.5620**, and **17.3786, 17.8091, 6.2629** is the 20% darker color. If you saturate the color by 10%, you get **36.6882, 37.3116, 13.9674**, and if you desaturate by 10%, it is **40.9828, 42.6846, 25.3145**.

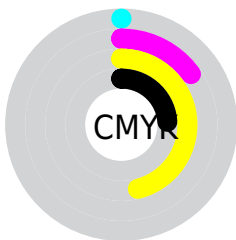
Distribution



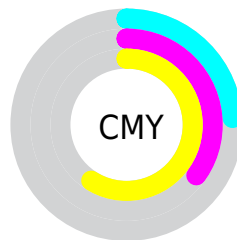
- Red (76%)
- Green (65%)
- Blue (41%)



- Red (58%)
- Yellow (76%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6917, 39.8945, 19.0257 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 38.6917, 39.8945, 19.0257 by changing the saturation by 10% instead.

■ 38.6917, 39.8945,
19.0257

■ 38.6917, 39.8945,
19.0257

331.8077,
345.6787, 259.0181

■ 26.6996, 27.4563,
11.5118

■ 72.4642, 75.0028,
42.6148

■ 17.4832, 17.9162,
6.2937

■ 94.9753, 98.4418,
59.5271

■ 10.6770, 10.8898,
2.9528

■ 121.7235,
126.3164, 80.4094

■ 5.9158, 5.9928,
1.0706

■ 153.0741,
159.0111, 105.6800

■ 2.8341, 2.8407,
0.0000

189.3925,
196.9103, 135.7577

■ 1.0667, 1.0491,
0.0000

231.0439,

■ 0.0000, 0.0000,

240.3983, 171.0609

0.0000

278.3939,
289.8597, 212.0082

■ 38.6917, 39.8945,
19.0257

■ 38.6917, 39.8945,
19.0257

■ 36.6882, 37.3116,
13.9674

■ 40.9828, 42.6846,
25.3145

■ 34.9525, 34.9225,
10.0530

■ 43.5738, 45.6838,
32.9075

■ 33.4671, 32.7201,
7.1886

■ 46.4795, 48.9005,
41.8755

■ 32.2101, 30.6945,
5.2640

■ 49.7131, 52.3413,
52.2833

■ 31.1541, 28.8334,
4.1388

■ 53.2868, 56.0121,
64.1919

■ 30.7809, 28.1527,
3.8117

■ 57.2120, 59.9188,
77.6584

■ 61.4998, 64.0668,
92.7372

■ 65.1790, 68.0689,
104.3110

■ 66.8220, 71.3549,
104.8587

Harmonies

Analogous

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



44.3940, 39.8945, 22.2489



38.6917, 39.8945, 19.0257



33.3108, 39.8945, 20.8704

Triad

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



38.6917, 39.8945, 19.0257



28.8853, 39.8945, 58.7146



47.7610, 39.8945, 63.4960

Complementary

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



38.6917, 39.8945, 19.0257



24.2008, 23.9926, 54.9851

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.



42.9327, 39.8945, 78.2538



38.6917, 39.8945, 19.0257



32.1055, 39.8945, 75.0424

Square

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



38.6917, 39.8945, 19.0257



27.9917, 39.8945, 41.2758



37.1557, 39.8945, 82.9343



49.9520, 39.8945, 45.6751

Rectangle

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



38.6917, 39.8945, 19.0257



30.5616, 39.8945, 25.0569



37.1557, 39.8945, 82.9343



46.3704, 39.8945, 69.1376

Sweetspot

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



38.6927, 39.8964, 19.0265



84.3205, 88.7432, 78.4036



31.9306, 23.4549, 25.7664



18.1983, 19.1451, 16.3242



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.



38.6927, 39.8964, 19.0265



65.8099, 66.9597, 25.2572



40.8873, 49.7534, 20.8134



10.6310, 11.1935, 10.6621



20.0848, 18.4554, 2.5037



0.9280, 0.9178, 0.1282

Inverse Universe

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



24.2008, 23.9926, 54.9851



36.8140, 35.1757, 97.3191



22.6480, 18.0368, 53.9174



9.7873, 10.2660, 12.7505



7.6193, 4.9952, 34.1192



0.3927, 0.3427, 1.4953

Previews

White Background



This preview shows how the XYZ color 38.6917, 39.8945, 19.0257 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 38.6917, 39.8945, 19.0257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

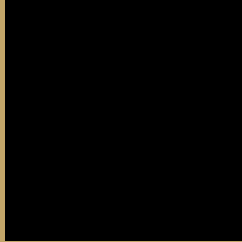
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6917, 39.8945, 19.0257

Background



This preview shows how black text looks on a background with the XYZ color 38.6917, 39.8945, 19.0257.



This preview shows how white text looks on a background with the XYZ color 38.6917, 39.8945,

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

38.6917, 39.8945, 19.0257

Protanopia

36.9838, 40.1043, 19.4273

Deuteranopia

40.6987, 39.8604, 19.1844



Tritanopia

43.5700, 39.7735, 43.4109

Trichromacy



Original Color

38.6917, 39.8945, 19.0257

Protanomaly

37.7758, 40.2354, 19.4109

Deuteranomaly

39.7861, 39.6525, 19.1924

Tritanomaly

41.4864, 39.7072, 32.6718

Monochromacy



Original Color

38.6917, 39.8945, 19.0257

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2896, 39.1467, 32.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6917, 39.8945, 19.0257 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, 166, 105)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 105)  
}
```

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, 166, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 105) }
```

Border

The CSS property to change the border of an element to XYZ 38.6917, 39.8945, 19.0257 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, 166, 105) }
```


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

```
.border{ border-color:rgb(195, 166, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 105);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6917, 39.8945, 19.0257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 105) }
```

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

```
.background{ background-color: rgb(195,  
166, 105) }
```

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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