

Converting Colors

XYZ(39.5314, 40.6961, 21.9162)

Have a look what the booklet for
XYZ(39.5314, 40.6961, 21.9162)
contains.

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Color

**XYZ(39.6028, 40.8452,
22.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A873
RGB	195, 168, 115
RGB Percent	76%, 66%, 45%
CMY	0.2353, 0.3412, 0.5490
CMYK	0.00, 0.14, 0.41, 0.24
HSL	40°, 40%, 61%
HSV	40°, 41%, 76%
XYZ	39.6028, 40.8452, 22.0163
YIQ	170.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

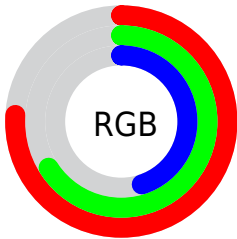
Format	Color
RYB	156, 195, 115
Decimal	12822643
CIELab	70.07, 2.47, 31.00
CIELCh	70, 31.102, 85.445
Yxy	40.8452, 0.3865, 0.3986
Android (android.graphics.Color)	4291012723 (0xFFC3A873)
YUV	170.0310, -27.1303, 21.8978
Hunter-Lab	63.9102, -1.2331, 24.3125

Details

The XYZ color **39.6028, 40.8452, 22.0163** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.5932, 26.9300, 55.4260**, and the grayscale version is **38.3443, 40.3412, 43.9315**.

A 20% lighter version of the original color is **73.9636, 76.4852, 47.9106**, and **18.0440, 18.4596, 7.7663** is the 20% darker color. If you saturate the color by 10%, you get **37.4134, 38.0760, 16.3240**, and if you desaturate by 10%, it is **42.0931, 43.8361, 28.9808**.

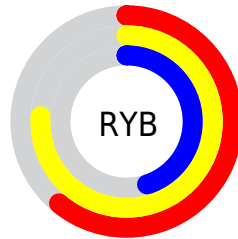
Distribution



Red (76%)

Green (66%)

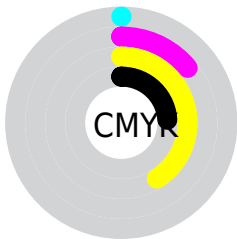
Blue (45%)



Red (61%)

Yellow (76%)

Blue (45%)

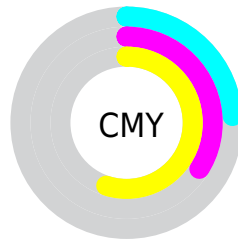


Cyan (0%)

Magenta (14%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6028, 40.8452, 22.0163 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 39.6028, 40.8452, 22.0163 by changing the saturation by 10% instead.


 39.6028, 40.8452,
22.0163


 39.6028, 40.8452,
22.0163


335.6098,
349.6732, 275.5877


 27.4118, 28.1981,
13.6704


 73.8465, 76.4488,
47.6755

 18.0209, 18.4751,
7.7557


 96.6299, 100.1742,
65.8259

 11.0648, 11.2916,
3.8535


 123.6748,
128.3612, 88.0815

 6.1781, 6.2633,
1.5453

155.3466,
161.3941, 114.8610

 2.9953, 3.0059,
0.2514

192.0107,
199.6574, 146.5828

 1.1513, 1.1348,
0.0000

234.0323,

 0.0674, 0.0075,

243.5354, 183.6655

0.0000

281.7769,
293.4125, 226.5276

■ 0.0000, 0.0000,
0.0000

■ 39.6028, 40.8452,
22.0163

■ 39.6028, 40.8452,
22.0163

■ 37.4134, 38.0760,
16.3240

■ 42.0931, 43.8361,
28.9808

■ 35.5058, 35.5151,
11.8216

■ 44.8960, 47.0503,
37.2879

■ 33.8633, 33.1556,
8.4209

■ 48.0260, 50.4964,
47.0057

■ 32.4658, 30.9880,
6.0206

■ 51.4957, 54.1810,
58.1969

■ 31.2894, 29.0014,
4.4998

■ 55.3173, 58.1102,
70.9205

■ 30.3821, 27.3551,
3.6787

■ 59.5020, 62.2897,
85.2322

■ 64.0606, 66.7252,
101.1848

■ 66.3186, 70.3481,
104.6909

■ 68.0865, 73.8839,
105.2802

Harmonies

Analogous

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



44.6280, 40.8452, 25.1896



39.6028, 40.8452, 22.0163



34.7763, 40.8452, 23.6996

Triad

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



39.6028, 40.8452, 22.0163



30.6557, 40.8452, 57.6023



47.4318, 40.8452, 62.2950

Complementary

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



39.6028, 40.8452, 22.0163



26.5932, 26.9300, 55.4260

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.



43.1702, 40.8452, 74.8056



39.6028, 40.8452, 22.0163



33.5430, 40.8452, 71.7082

Square

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



39.6028, 40.8452, 22.0163



29.8795, 40.8452, 42.2893



38.0518, 40.8452, 78.5788



49.3916, 40.8452, 46.7316

Rectangle

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



39.6028, 40.8452, 22.0163



32.2718, 40.8452, 27.5976



38.0518, 40.8452, 78.5788



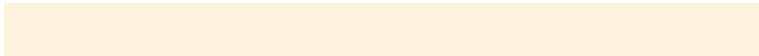
46.2038, 40.8452, 67.1194

Sweetspot

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



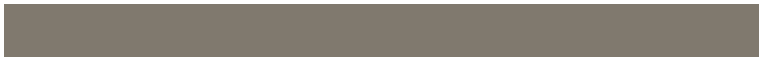
39.6038, 40.8471, 22.0171



85.3337, 89.7017, 82.0335



33.5945, 25.8471, 29.2054



18.5180, 19.4596, 17.4322



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.



39.6038, 40.8471, 22.0171



67.4758, 68.8017, 30.4054



42.1381, 50.3352, 23.7150



10.6179, 11.1672, 10.6577



19.8270, 17.9398, 2.4177



0.9182, 0.8983, 0.1250

Inverse Universe

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



26.5932, 26.9300, 55.4260



41.1243, 40.6383, 98.1463



24.7339, 20.7141, 54.3242



9.7999, 10.2911, 12.7547



7.7311, 5.2188, 34.1565



0.3984, 0.3543, 1.4973

Previews

White Background



This preview shows how the XYZ color 39.6028, 40.8452, 22.0163 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 39.6028, 40.8452, 22.0163 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

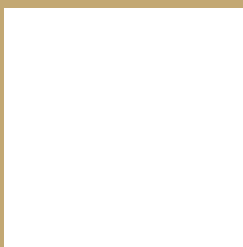
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6028, 40.8452, 22.0163

Background



This preview shows how black text looks on a background with the XYZ color 39.6028, 40.8452, 22.0163.



This preview shows how white text looks on a background with the XYZ color 39.6028, 40.8452,

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

39.6028, 40.8452, 22.0163

Protanopia

37.9650, 40.8259, 22.4022

Deuteranopia

41.6047, 40.7910, 22.2036



Tritanopia

44.3751, 40.9244, 45.0955

Trichromacy



Original Color

39.6028, 40.8452, 22.0163

Protanomaly

38.5134, 40.8292, 22.3740

Deuteranomaly

40.6949, 40.5887, 22.2126

Tritanomaly

42.4961, 40.9600, 35.3721

Monochromacy



Original Color

39.6028, 40.8452, 22.0163

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2834, 40.1616, 34.5884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6028, 40.8452, 22.0163 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, 168, 115)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 115)  
}
```

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, 168, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 115) }
```

Border

The CSS property to change the border of an element to XYZ 39.6028, 40.8452, 22.0163 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, 168, 115) }
```


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

```
.border{ border-color:rgb(195, 168, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 115);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6028, 40.8452, 22.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 115) }
```

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

```
.background{ background-color: rgb(195,  
168, 115) }
```

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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