

Converting Colors

XYZ(39.5029, 40.1402, 26.1566)

Have a look what the booklet for
XYZ(39.5029, 40.1402, 26.1566)
contains.

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Color

**XYZ(39.5248, 40.1684,
26.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A680
RGB	193, 166, 128
RGB Percent	76%, 65%, 50%
CMY	0.2431, 0.3490, 0.4980
CMYK	0.00, 0.14, 0.34, 0.24
HSL	35°, 34%, 63%
HSV	35°, 34%, 76%
XYZ	39.5248, 40.1684, 26.0922
YIQ	169.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

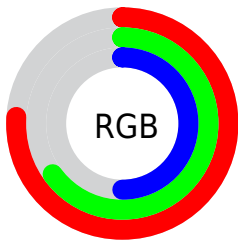
Format	Color
RYB	174, 193, 128
Decimal	12691072
CIELab	69.59, 4.29, 23.34
CIElCh	70, 23.732, 79.597
Yxy	40.1684, 0.3736, 0.3797
Android (android.graphics.Color)	4290881152 (0xFFC1A680)
YUV	169.7410, -20.5783, 20.3981
Hunter-Lab	63.3785, 0.4056, 19.9560

Details

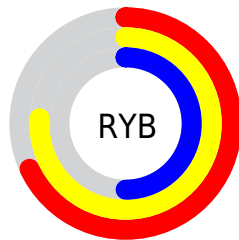
The XYZ color **39.5248, 40.1684, 26.0922** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2487, 31.8811, 55.0115**, and the grayscale version is **38.1697, 40.1575, 43.7315**.

A 20% lighter version of the original color is **73.6213, 75.3731, 54.3843**, and **17.8737, 17.9880, 9.7377** is the 20% darker color. If you saturate the color by 10%, you get **36.9616, 36.8852, 19.5554**, and if you desaturate by 10%, it is **42.4225, 43.7336, 33.9335**.

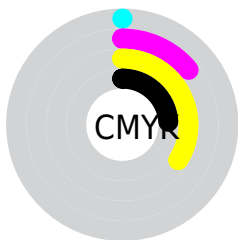
Distribution



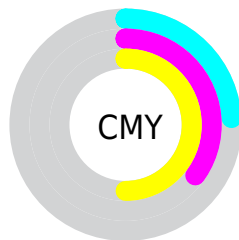
- Red (76%)
- Green (65%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5248, 40.1684, 26.0922 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 39.5248, 40.1684, 26.0922 by changing the saturation by 10% instead.

■ 39.5248, 40.1684,
26.0922

■ 39.5248, 40.1684,
26.0922

335.2855,
346.8328, 296.8543

■ 27.3508, 27.6699,
16.6662

■ 73.7283, 75.4199,
54.4096

■ 17.9748, 18.0769,
9.8374

■ 96.4885, 98.9416,
74.1380

■ 11.0315, 11.0052,
5.1871

■ 123.5082,
126.9065, 98.1378

■ 6.1555, 6.0704,
2.2968

155.1526,
159.6991, 126.8273

■ 2.9814, 2.8879,
0.7294

191.7872,
197.7035, 160.6252

■ 1.1439, 1.0735,
0.0000

233.7773,

■ 0.0614, 0.0000,

241.3044, 199.9500

0.0000

281.4883,
290.8860, 245.2201

■ 0.0000, 0.0000,
0.0000

■ 39.5248, 40.1684,
26.0922

■ 39.5248, 40.1684,
26.0922

■ 36.9616, 36.8852,
19.5554

■ 42.4225, 43.7336,
33.9335

■ 34.7146, 33.8698,
14.2477

■ 45.6660, 47.5835,
43.1441

■ 32.7678, 31.1145,
10.0898


■ 49.2695, 51.7278,
53.7872


■ 31.1026, 28.6090,
6.9919


■ 53.2456, 56.1740,
65.9216


■ 29.6978, 26.3420,
4.8505


■ 57.6063, 60.9292,
79.6025


 28.5279, 24.3004,
3.5412

 62.3629, 66.0002,
94.8825

 27.8800, 23.1128,
2.9918

 66.1940, 70.8608,
104.7965

 68.3753, 75.2235,
105.5236

 70.6593, 79.7914,
106.2849

Harmonies

Analogous

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



43.1563, 40.1684, 29.5556



39.5248, 40.1684, 26.0922



35.7606, 40.1684, 26.7175

Triad

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



39.5248, 40.1684, 26.0922



31.6499, 40.1684, 51.2024



44.0688, 40.1684, 58.8885

Complementary

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



39.5248, 40.1684, 26.0922



30.2487, 31.8811, 55.0115

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.



40.7037, 40.1684, 66.7790



39.5248, 40.1684, 26.0922



33.5997, 40.1684, 61.8531

Square

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



39.5248, 40.1684, 26.0922



31.3810, 40.1684, 40.0359



36.8638, 40.1684, 67.9464



45.8937, 40.1684, 47.6585

Rectangle

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



39.5248, 40.1684, 26.0922



33.6727, 40.1684, 29.4089



36.8638, 40.1684, 67.9464



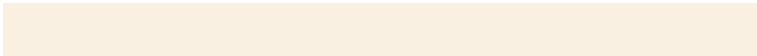
43.0702, 40.1684, 62.0939

Sweetspot

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



39.5258, 40.1703, 26.0930



83.9862, 87.7755, 83.6856



35.6352, 29.1456, 34.7949



17.8261, 18.6088, 17.3916



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5258, 40.1703, 26.0930



67.5385, 67.8052, 38.3569



43.6029, 50.3370, 27.8405



10.5514, 11.0343, 10.6356



18.6239, 15.5336, 2.0167



0.8714, 0.8046, 0.1094

Inverse Universe

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



30.2487, 31.8811, 55.0115



48.5365, 50.8347, 97.6142



27.0840, 24.3097, 53.7168



9.8643, 10.4199, 12.7762



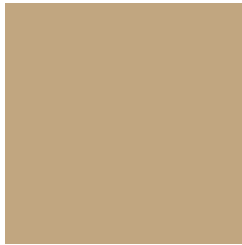
8.3928, 6.5421, 34.3770



0.4306, 0.4185, 1.5080

Previews

White Background



This preview shows how the XYZ color 39.5248, 40.1684, 26.0922 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 39.5248, 40.1684, 26.0922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

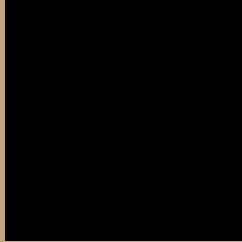
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5248, 40.1684, 26.0922

Background



This preview shows how black text looks on a background with the XYZ color 39.5248, 40.1684, 26.0922.



This preview shows how white text looks on a background with the XYZ color 39.5248, 40.1684,

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

39.5248, 40.1684, 26.0922

Protanopia

37.6954, 40.3062, 26.9122

Deuteranopia

40.8791, 40.0587, 26.3464



Tritanopia

43.3059, 40.1259, 44.4923

Trichromacy



Original Color

39.5248, 40.1684, 26.0922

Protanomaly

38.4001, 40.4000, 26.5430

Deuteranomaly

40.2639, 40.0062, 26.3687

Tritanomaly

41.6860, 39.9767, 36.9717

Monochromacy



Original Color

39.5248, 40.1684, 26.0922

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4645, 40.2075, 36.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5248, 40.1684, 26.0922 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(193, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 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(193, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.5248, 40.1684, 26.0922 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(193, 166, 128) }
```


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

```
.border{ border-color:rgb(193, 166, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 166, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 166, 128); box-shadow:4px 4px 4px 4px rgb(193, 166, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5248, 40.1684, 26.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 128) }
```

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

```
.background{ background-color: rgb(193,  
166, 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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