

Converting Colors

XYZ(39.6833, 39.9445, 27.8089)

Have a look what the booklet for
XYZ(39.6833, 39.9445, 27.8089)
contains.

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Color

**XYZ(39.6811, 39.9412,
27.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A585
RGB	193, 165, 133
RGB Percent	76%, 65%, 52%
CMY	0.2431, 0.3529, 0.4784
CMYK	0.00, 0.15, 0.31, 0.24
HSL	32°, 33%, 64%
HSV	32°, 31%, 76%
XYZ	39.6811, 39.9412, 27.8083
YIQ	169.7240, 26.9600, -4.0160

Conversions

Conversions Part 2

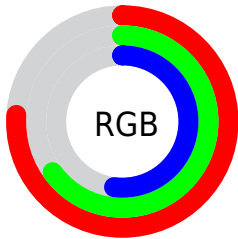
Format	Color
RYB	186, 193, 133
Decimal	12690821
CIELab	69.43, 5.47, 20.40
CIElCh	69, 21.118, 74.979
Yxy	39.9412, 0.3694, 0.3718
Android (android.graphics.Color)	4290880901 (0xFFC1A585)
YUV	169.7240, -18.1049, 20.4131
Hunter-Lab	63.1991, 1.4773, 18.1511

Details

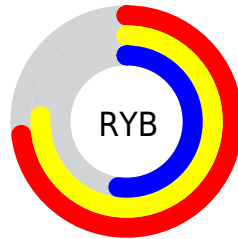
The XYZ color **39.6811, 39.9412, 27.8083** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0430, 34.3255, 55.3888**, and the grayscale version is **38.1498, 40.1365, 43.7087**.

A 20% lighter version of the original color is **73.8805, 75.0556, 57.0476**, and **17.9477, 17.8381, 10.6808** is the 20% darker color. If you saturate the color by 10%, you get **36.9011, 36.3224, 20.8967**, and if you desaturate by 10%, it is **42.8226, 43.8905, 36.0501**.

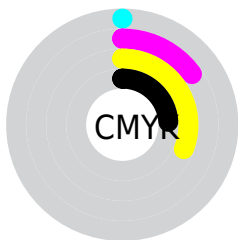
Distribution



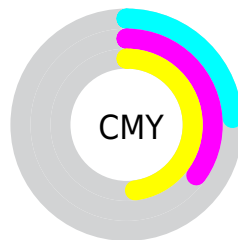
- Red (76%)
- Green (65%)
- Blue (52%)



- Red (73%)
- Yellow (76%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6811, 39.9412, 27.8083 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 39.6811, 39.9412, 27.8083 by changing the saturation by 10% instead.


 39.6811, 39.9412,
27.8083


 39.6811, 39.9412,
27.8083


335.9351,
345.8757, 305.4328


 27.4731, 27.4927,
17.9434

 73.9651, 75.0740,
57.1976

 18.0673, 17.9436,
10.7404


 96.7718, 98.5270,
77.5592

 11.0983, 10.9095,
5.7806


 123.8421,
126.4171, 102.2567

 6.2008, 6.0060,
2.6455

155.5414,
159.1285, 131.7088

 3.0094, 2.8487,
0.9158

192.2349,
197.0456, 166.3338

 1.1587, 1.0533,
0.0000

234.2882,

 0.0734, 0.0000,

240.5530, 206.5505

0.0000

282.0665,
290.0348, 252.7773

■ 0.0000, 0.0000,
0.0000

■ 39.6811, 39.9412,
27.8083

■ 39.6811, 39.9412,
27.8083

■ 36.9011, 36.3224,
20.8967

■ 42.8226, 43.8905,
36.0501

■ 34.4636, 33.0185,
15.2411

■ 46.3372, 48.1742,
45.6857

■ 32.3527, 30.0207,
10.7642


■ 50.2397, 52.8032,
56.7775


■ 30.5494, 27.3173,
7.3786


■ 54.5431, 57.7862,
69.3836


■ 29.0324, 24.8957,
4.9847

■ 59.2597, 63.1314,
83.5587


 27.7766, 22.7416,
3.4642

 64.4014, 68.8469,
99.3548

 26.8373, 21.0274,
2.6442

 67.7974, 74.0675,
105.3309

 70.3403, 79.1534,
106.1785

 73.0142, 84.5011,
107.0698

Harmonies

Analogous

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



42.7733, 39.9412, 31.5613



39.6811, 39.9412, 27.8083



36.2996, 39.9412, 27.8056

Triad

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



39.6811, 39.9412, 27.8083



31.9962, 39.9412, 48.5055



42.7696, 39.9412, 58.1091

Complementary

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



39.6811, 39.9412, 27.8083



32.0430, 34.3255, 55.3888

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.



39.6763, 39.9412, 64.1787



39.6811, 39.9412, 27.8083



33.5274, 39.9412, 58.0972

Square

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



39.6811, 39.9412, 27.8083



31.9973, 39.9412, 38.8188



36.2951, 39.9412, 64.1741



44.6274, 39.9412, 48.5199

Rectangle

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



39.6811, 39.9412, 27.8083



34.3402, 39.9412, 29.8918



36.2951, 39.9412, 64.1741



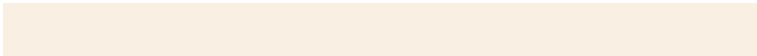
41.8319, 39.9412, 60.6879

Sweetspot

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



39.6821, 39.9430, 27.8091



84.2956, 87.8451, 85.4823



36.8132, 30.6862, 37.7014



17.8726, 18.5921, 17.7450



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.



39.6821, 39.9430, 27.8091



67.7657, 67.2628, 41.5056



44.7896, 50.9099, 29.6567



10.5080, 10.9475, 10.6211



17.9307, 14.1471, 1.7856



0.8432, 0.7482, 0.1000

Inverse Universe

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



32.0430, 34.3255, 55.3888



52.0185, 55.6857, 98.3670



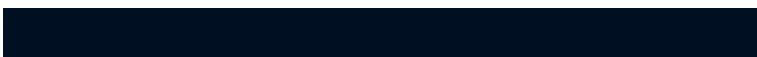
28.0053, 25.7767, 53.9515



9.9070, 10.5054, 12.7904



8.9155, 7.5874, 34.5512



0.4541, 0.4657, 1.5158

Previews

White Background



This preview shows how the XYZ color 39.6811, 39.9412, 27.8083 looks on a white background.

Color Contrast Check

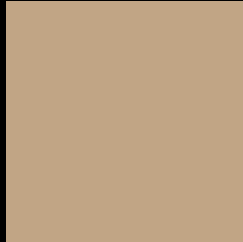
Large Text (above 18pt) WCAG AA × Fail

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 39.6811, 39.9412, 27.8083 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 39.6811, 39.9412, 27.8083

Background



This preview shows how black text looks on a background with the XYZ color 39.6811, 39.9412, 27.8083.



This preview shows how white text looks on a background with the XYZ color 39.6811, 39.9412,

27.8083.

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

39.6811, 39.9412, 27.8083

Protanopia

37.3835, 39.8285, 28.6390

Deuteranopia

40.6195, 39.8936, 27.7497



Tritanopia

43.0432, 39.9905, 44.4800

Trichromacy



Original Color

39.6811, 39.9412, 27.8083

Protanomaly

38.3133, 40.0408, 28.2636

Deuteranomaly

40.2740, 39.9801, 27.7846

Tritanomaly

41.8568, 40.0450, 37.8711

Monochromacy



Original Color

39.6811, 39.9412, 27.8083

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4485, 39.9046, 37.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6811, 39.9412, 27.8083 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, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 133)  
}
```

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, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 133) }
```

Border

The CSS property to change the border of an element to XYZ 39.6811, 39.9412, 27.8083 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, 165, 133) }
```


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

```
.border{ border-color:rgb(193, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6811, 39.9412, 27.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 133) }
```

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

```
.background{ background-color: rgb(193,  
165, 133) }
```

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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