

Converting Colors

XYZ(40.4900, 40.2761, 27.0068)

Have a look what the booklet for
XYZ(40.4900, 40.2761, 27.0068)
contains.

XYZ(40.5778, 40.4193, 27.1357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5778, 40.4193,
27.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A583
RGB	197, 165, 131
RGB Percent	77%, 65%, 51%
CMY	0.2275, 0.3529, 0.4863
CMYK	0.00, 0.16, 0.34, 0.23
HSL	31°, 36%, 64%
HSV	31°, 34%, 77%
XYZ	40.5778, 40.4193, 27.1357
YIQ	170.6920, 29.9860, -3.7900

Conversions

Conversions Part 2

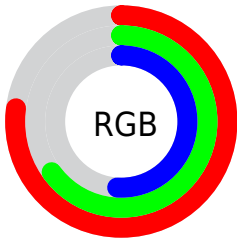
Format	Color
RYB	193, 197, 131
Decimal	12952963
CIELab	69.77, 6.80, 22.01
CIElCh	70, 23.041, 72.825
Yxy	40.4193, 0.3753, 0.3738
Android (android.graphics.Color)	4291143043 (0xFFC5A583)
YUV	170.6920, -19.5682, 23.0721
Hunter-Lab	63.5762, 2.6702, 19.1971

Details

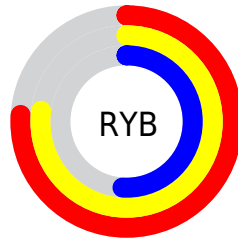
The XYZ color **40.5778, 40.4193, 27.1357** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5348, 35.0496, 57.8738**, and the grayscale version is **38.6395, 40.6518, 44.2698**.

A 20% lighter version of the original color is **75.4849, 75.9071, 56.0204**, and **18.5457, 18.1551, 10.3114** is the 20% darker color. If you saturate the color by 10%, you get **37.7090, 36.6191, 20.2068**, and if you desaturate by 10%, it is **43.8312, 44.5821, 35.4462**.

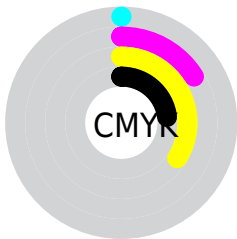
Distribution



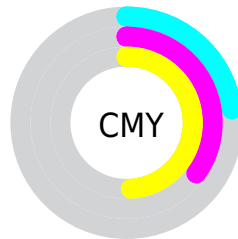
- Red (77%)
- Green (65%)
- Blue (51%)



- Red (76%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5778, 40.4193, 27.1357 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 40.5778, 40.4193, 27.1357 by changing the saturation by 10% instead.


 40.5778, 40.4193,
27.1357


 40.5778, 40.4193,
27.1357


339.6457,
347.8877, 302.0945


 28.1755, 27.8656,
17.4418


 75.3213, 75.8016,
56.1079

 18.5992, 18.2244,
10.3847


 98.3933, 99.3990,
76.2234

 11.4833, 11.1112,
5.5459

 125.7526,
127.4464, 100.6497

 6.4626, 6.1417,
2.5067

157.7645,
160.3282, 129.8056

 3.1716, 2.9314,
0.8437

194.7944,
198.4289, 164.1094

 1.2452, 1.0960,
0.0000

237.2077,

 0.1416, 0.0000,

242.1328, 203.9798

0.0000

285.3697,
291.8242, 249.8353

■ 0.0000, 0.0000,
0.0000

■ 40.5778, 40.4193,
27.1357

■ 40.5778, 40.4193,
27.1357

■ 37.7090, 36.6191,
20.2068

■ 43.8312, 44.5821,
35.4462

■ 35.2046, 33.1645,
14.5800

■ 47.4821, 49.1126,
45.2067

■ 33.0466, 30.0453,
10.1716

■ 51.5465, 54.0229,
56.4839

■ 31.2145, 27.2484,
6.8869

■ 56.0386, 59.3227,
69.3399

■ 29.6845, 24.7593,
4.6170

■ 60.9718, 65.0213,
83.8331

■ 28.4287, 22.5617,
3.2306

■ 66.3589, 71.1277,
100.0188

■ 27.7282, 21.2748,
2.6450

■ 69.8921, 76.7226,
105.7330

■ 72.6517, 82.2418,
106.6528

■ 75.5595, 88.0575,
107.6221

Harmonies

Analogous

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



43.9303, 40.4193, 31.4545



40.5778, 40.4193, 27.1357



36.8448, 40.4193, 26.8439

Triad

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



40.5778, 40.4193, 27.1357



31.8303, 40.4193, 48.7359



43.5100, 40.4193, 60.8882

Complementary

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



40.5778, 40.4193, 27.1357



32.5348, 35.0496, 57.8738

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.



40.0339, 40.4193, 67.2706



40.5778, 40.4193, 27.1357



33.3860, 40.4193, 59.5273

Square

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



40.5778, 40.4193, 27.1357



31.9550, 40.4193, 38.2101



36.3349, 40.4193, 66.7357



45.6970, 40.4193, 50.3685

Rectangle

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



40.5778, 40.4193, 27.1357



34.6536, 40.4193, 28.8870



36.3349, 40.4193, 66.7357



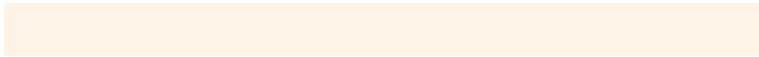
42.4442, 40.4193, 63.6597

Sweetspot

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



40.5788, 40.4212, 27.1365



87.3952, 90.8299, 87.4210



37.8433, 30.7836, 39.0695



18.4893, 19.1777, 18.1149



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.



40.5788, 40.4212, 27.1365



68.9535, 67.4874, 39.5291



47.0890, 53.4415, 29.3066



11.0782, 11.5256, 11.2035



18.3221, 14.1614, 1.7677



0.9399, 0.8152, 0.1078

Inverse Universe

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



32.5348, 35.0496, 57.8738



52.4126, 56.4437, 102.7400



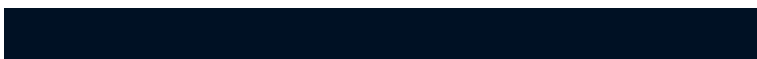
27.5548, 25.0896, 56.2138



10.4739, 11.1219, 13.5122



9.4332, 8.2602, 35.8416



0.5191, 0.5360, 1.7212

Previews

White Background



This preview shows how the XYZ color 40.5778, 40.4193, 27.1357 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 40.5778, 40.4193, 27.1357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

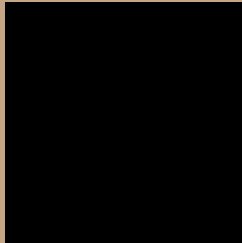
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5778, 40.4193, 27.1357

Background



This preview shows how black text looks on a background with the XYZ color 40.5778, 40.4193, 27.1357.



This preview shows how white text looks on a background with the XYZ color 40.5778, 40.4193,

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

40.5778, 40.4193, 27.1357

Protanopia

37.8998, 40.3880, 27.9884

Deuteranopia

41.1916, 40.4690, 27.1130



Tritanopia

43.9319, 40.1923, 44.4722

Trichromacy



Original Color

40.5778, 40.4193, 27.1357

Protanomaly

38.6610, 40.2360, 27.5585

Deuteranomaly

40.9254, 40.3317, 27.1005

Tritanomaly

42.6501, 40.2034, 37.4104

Monochromacy



Original Color

40.5778, 40.4193, 27.1357

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0111, 40.4795, 37.2097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5778, 40.4193, 27.1357 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(197, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 131)  
}
```

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(197, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.5778, 40.4193, 27.1357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

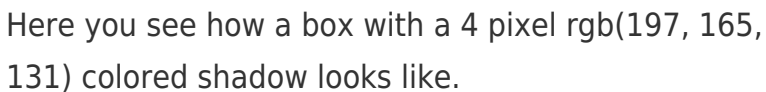
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 165, 131) }
```


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

```
.border{ border-color:rgb(197, 165, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 165, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 165, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 165, 131); box-shadow:4px 4px 4px 4px rgb(197, 165, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5778, 40.4193, 27.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 131) }
```

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

```
.background{ background-color: rgb(197,  
165, 131) }
```

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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