

Converting Colors

XYZ(38.5365, 35.7811, 28.1679)

Have a look what the booklet for
XYZ(38.5365, 35.7811, 28.1679)
contains.

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Color

**XYZ(38.5365, 35.7811,
28.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	C59788
RGB	197, 151, 136
RGB Percent	77%, 59%, 53%
CMY	0.2275, 0.4078, 0.4667
CMYK	0.00, 0.23, 0.31, 0.23
HSL	15°, 34%, 65%
HSV	15°, 31%, 77%
XYZ	38.5365, 35.7811, 28.1679
YIQ	163.0440, 32.2310, 5.0870

Conversions

Conversions Part 2

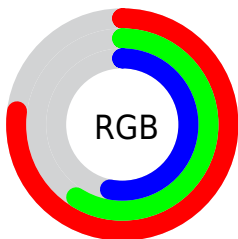
Format	Color
RYB	197, 156, 136
Decimal	12949384
CIELab	66.35, 15.10, 14.55
CIELCh	66, 20.970, 43.936
Yxy	35.7811, 0.3760, 0.3491
Android (android.graphics.Color)	4291139464 (0xFFC59788)
YUV	163.0440, -13.3327, 29.7794
Hunter-Lab	59.8173, 10.3160, 13.9525

Details

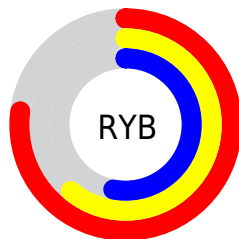
The XYZ color **38.5365, 35.7811, 28.1679** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9588, 42.7200, 59.1213**, and the grayscale version is **34.8846, 36.7013, 39.9678**.

A 20% lighter version of the original color is **72.2566, 68.5968, 57.5763**, and **17.3922, 15.5370, 10.8864** is the 20% darker color. If you saturate the color by 10%, you get **35.0213, 30.7891, 20.7121**, and if you desaturate by 10%, it is **42.6122, 41.4819, 37.0809**.

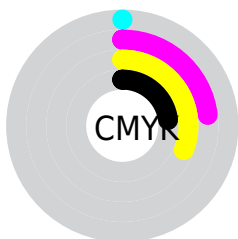
Distribution



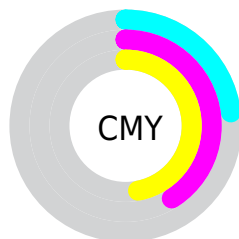
- Red (77%)
- Green (59%)
- Blue (53%)



- Red (77%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5365, 35.7811, 28.1679 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 38.5365, 35.7811, 28.1679 by changing the saturation by 10% instead.

■ 38.5365, 35.7811,
28.1679

■ 38.5365, 35.7811,
28.1679

331.1570,
328.0028, 307.2055

■ 26.5784, 24.2652,
18.2121

■ 72.2283, 68.6941,
57.7787

■ 17.3918, 15.5305,
10.9314

■ 94.6928, 90.8599,
78.2708

■ 10.6113, 9.1925,
5.9071

■ 121.3901,
117.3445, 103.1121

■ 5.8714, 4.8670,
2.7208

152.6857,
148.5323, 132.7212

■ 2.8070, 2.1694,
0.9539

188.9448,
184.8076, 167.5165

■ 1.0525, 0.7032,
0.0000

230.5328,

■ 0.0000, 0.0000,

226.5548, 207.9166

0.0000

277.8151,
274.1584, 254.3401

■ 38.5365, 35.7811,
28.1679

■ 38.5365, 35.7811,
28.1679

■ 35.0213, 30.7891,
20.7121

■ 42.6122, 41.4819,
37.0809

■ 32.0385, 26.4728,
14.6332

■ 47.2691, 47.9128,
47.5211

■ 29.5617, 22.8041,
9.8465


■ 52.5305, 55.1005,
59.5566

■ 27.5610, 19.7507,
6.2569


■ 58.4173, 63.0687,
73.2507


■ 26.0031, 17.2775,
3.7562


■ 64.9497, 71.8402,
88.6634

 24.8496, 15.3454,
2.2160

 72.1465, 81.4367,
105.8514

 24.1017, 14.0217,
1.4362

 76.8316, 90.6015,
108.0461

 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



40.2006, 35.7811, 34.9485



38.5365, 35.7811, 28.1679



35.7041, 35.7811, 24.6146

Triad

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



38.5365, 35.7811, 28.1679



28.5395, 35.7811, 34.3755



35.4812, 35.7811, 58.2294

Complementary

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



38.5365, 35.7811, 28.1679



36.9588, 42.7200, 59.1213

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.



32.3681, 35.7811, 58.0127



38.5365, 35.7811, 28.1679



28.4880, 35.7811, 43.2663

Square

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



38.5365, 35.7811, 28.1679



29.9959, 35.7811, 27.8042



29.8505, 35.7811, 52.2058



38.3647, 35.7811, 52.7589

Rectangle

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



38.5365, 35.7811, 28.1679



33.5968, 35.7811, 24.1513



29.8505, 35.7811, 52.2058



34.4242, 35.7811, 58.8425

Sweetspot

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



38.5374, 35.7828, 28.1686



86.2984, 88.0606, 88.8302



40.3534, 32.8882, 48.8940



18.1870, 18.4585, 18.3677



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.



38.5374, 35.7828, 28.1686



64.7530, 58.0425, 41.3471



43.9398, 46.5875, 29.9694



10.8423, 11.0537, 11.1249



15.9088, 9.3348, 0.9633



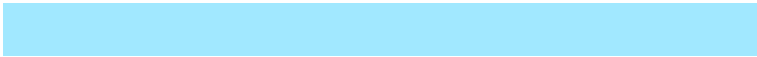
0.8124, 0.5603, 0.0653

Inverse Universe

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



36.9588, 42.7200, 59.1213



61.4759, 72.3575, 105.3340



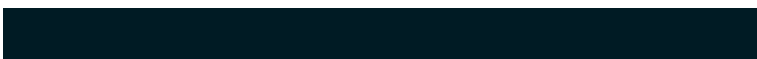
31.5033, 31.8090, 57.3028



10.7172, 11.6085, 13.5933



13.7190, 16.8318, 37.2702



0.7040, 0.9057, 1.7829

Previews

White Background



This preview shows how the XYZ color 38.5365, 35.7811, 28.1679 looks on a white background.

Color Contrast Check

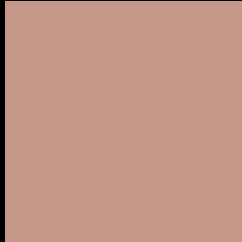
Large Text (above 18pt) WCAG AA × Fail

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 38.5365, 35.7811, 28.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

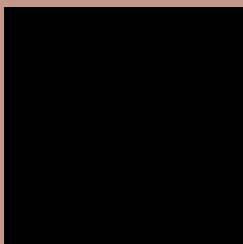
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5365, 35.7811, 28.1679

Background



This preview shows how black text looks on a background with the XYZ color 38.5365, 35.7811, 28.1679.



This preview shows how white text looks on a background with the XYZ color 38.5365, 35.7811,

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

38.5365, 35.7811, 28.1679

Protanopia

33.9148, 35.8478, 30.3311

Deuteranopia

36.3442, 35.6311, 27.8836



Tritanopia

40.4011, 35.8251, 37.5865

Trichromacy



Original Color

38.5365, 35.7811, 28.1679

Protanomaly

35.3076, 35.5617, 29.4293

Deuteranomaly

37.1640, 35.8076, 27.8745

Tritanomaly

39.6221, 35.7350, 34.0874

Monochromacy



Original Color

38.5365, 35.7811, 28.1679

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8271, 36.2101, 35.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5365, 35.7811, 28.1679 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, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 136)  
}
```

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, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.5365, 35.7811, 28.1679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

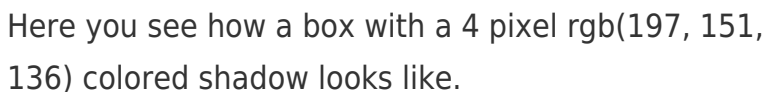
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 136) }
```


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

```
.border{ border-color:rgb(197, 151, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 151, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 151, 136); box-shadow:4px 4px 4px 4px rgb(197, 151, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5365, 35.7811, 28.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 136) }
```

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

```
.background{ background-color: rgb(197,  
151, 136) }
```

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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