

Converting Colors

XYZ(38.4787, 36.5417, 25.4477)

Have a look what the booklet for
XYZ(38.4787, 36.5417, 25.4477)
contains.

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Color

**XYZ(38.4778, 36.5400,
25.4470)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C59A80 |
| RGB | 197, 154, 128 |
| RGB Percent | 77%, 60%, 50% |
| CMY | 0.2275, 0.3961, 0.4980 |
| CMYK | 0.00, 0.22, 0.35, 0.23 |
| HSL | 23°, 37%, 64% |
| HSV | 23°, 35%, 77% |
| XYZ | 38.4778, 36.5400, 25.4470 |
| YIQ | 163.8930, 33.9740, 1.0300 |

Conversions

Conversions Part 2

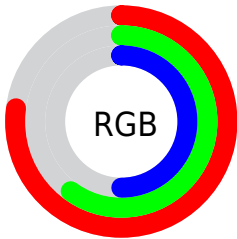
| Format | Color |
|-------------------------------------|---|
| RYB | 197, 170, 128 |
| Decimal | 12950144 |
| CIELab | 66.93, 12.42, 19.79 |
| CIElCh | 67, 23.365, 57.886 |
| Yxy | 36.5400, 0.3830, 0.3637 |
| Android (android.graphics.Color) | 4291140224 (0xFFC59A80) |
| YUV | 163.8930, -17.6952, 29.0348 |
| Hunter-Lab | 60.4483, 7.8379, 17.3544 |

Details

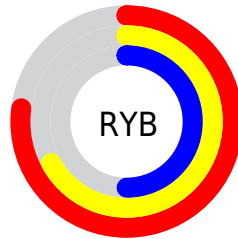
The XYZ color **38.4778, 36.5400, 25.4470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.5425, 37.7449, 58.3409**, and the grayscale version is **35.3066, 37.1453, 40.4513**.

A 20% lighter version of the original color is **72.1364, 69.7079, 53.3690**, and **17.4169, 16.0158, 9.5705** is the 20% darker color. If you saturate the color by 10%, you get **35.3816, 32.2250, 18.6268**, and if you desaturate by 10%, it is **42.0349, 41.3736, 33.6636**.

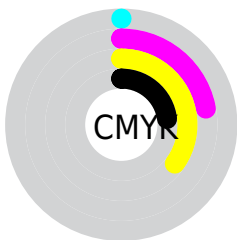
Distribution



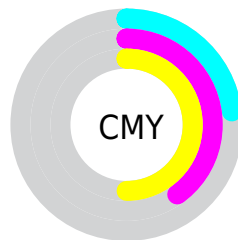
- Red (77%)
- Green (60%)
- Blue (50%)



- Red (77%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (23%)




- Cyan (23%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4778, 36.5400, 25.4470 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 38.4778, 36.5400, 25.4470 by changing the saturation by 10% instead.


 38.4778, 36.5400,
25.4470


 38.4778, 36.5400,
25.4470


330.9107,
331.3147, 293.5754


 26.5326, 24.8515,
16.1884


 72.1391, 69.8647,
53.3545

 17.3573, 15.9665,
9.5017


 94.5859, 92.2698,
72.8405

 10.5864, 9.5004,
4.9686

 121.2640,
119.0158, 96.5727

 5.8547, 5.0690,
2.1704

152.5387,
150.4873, 124.9696

 2.7968, 2.2878,
0.6572

188.7753,
187.0685, 158.4498

 1.0472, 0.7672,
0.0000

230.3393,

 0.0000, 0.0000,

229.1438, 197.4318

0.0000

277.5960,
277.0978, 242.3341

■ 38.4778, 36.5400,
25.4470

■ 38.4778, 36.5400,
25.4470

■ 35.3816, 32.2250,
18.6268

■ 42.0349, 41.3736,
33.6636

■ 32.7226, 28.4052,
13.1217

■ 46.0695, 46.7378,
43.3472

■ 30.4791, 25.0629,
8.8454


■ 50.6006, 52.6508,
54.5663

■ 28.6262, 22.1771,
5.6999


■ 55.6455, 59.1282,
67.3843


■ 27.1357, 19.7249,
3.5723


■ 61.2204, 66.1850,
81.8610


 25.9741, 17.6807,
2.3252

 67.3410, 73.8357,
98.0533

 25.4910, 16.8005,
1.8993

 72.2167, 81.3718,
106.5078

 75.9523, 88.8430,
107.7530

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



41.1041, 36.5400, 31.3430



38.4778, 36.5400, 25.4470



34.9820, 36.5400, 23.3046

Triad

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



38.4778, 36.5400, 25.4470



28.3594, 36.5400, 39.0707



38.0138, 36.5400, 59.6349

Complementary

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



38.4778, 36.5400, 25.4470



33.5425, 37.7449, 58.3409

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.



34.4796, 36.5400, 62.6327



38.4778, 36.5400, 25.4470



29.0518, 36.5400, 49.6232

Square

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



38.4778, 36.5400, 25.4470



29.2754, 36.5400, 30.2920



31.2341, 36.5400, 58.6976



40.8236, 36.5400, 51.0811

Rectangle

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



38.4778, 36.5400, 25.4470



32.6803, 36.5400, 23.9613



31.2341, 36.5400, 58.6976



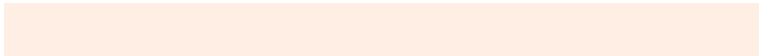
36.8640, 36.5400, 61.3834

Sweetspot

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



38.4787, 36.5417, 25.4477



85.5336, 87.6740, 85.0515



38.1629, 30.2761, 42.7115



18.0735, 18.4592, 17.6277



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.



38.4787, 36.5417, 25.4477



64.6169, 59.4739, 36.0494



44.8629, 49.3100, 27.5758



10.9559, 11.2810, 11.1628



16.8411, 11.1994, 1.2741



0.8669, 0.6693, 0.0835

Inverse Universe

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



33.5425, 37.7449, 58.3409



54.4527, 61.9227, 103.6901



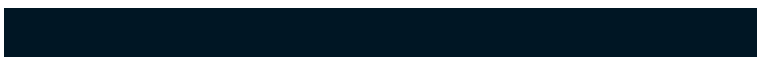
27.9546, 26.5691, 56.4783



10.5979, 11.3699, 13.5535



11.3502, 12.0943, 36.4806



0.6055, 0.7088, 1.7500

Previews

White Background



This preview shows how the XYZ color 38.4778, 36.5400, 25.4470 looks on a white background.

Color Contrast Check

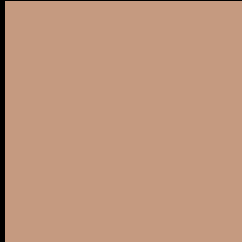
Large Text (above 18pt) WCAG AA × Fail

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 38.4778, 36.5400, 25.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

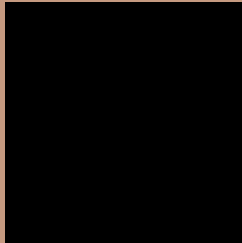
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4778, 36.5400, 25.4470

Background



This preview shows how black text looks on a background with the XYZ color 38.4778, 36.5400, 25.4470.



This preview shows how white text looks on a background with the XYZ color 38.4778, 36.5400,

25.4470.

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

38.4778, 36.5400, 25.4470

Protanopia

34.4956, 36.7446, 27.1041

Deuteranopia

37.4391, 36.7488, 25.5421



Tritanopia

40.9999, 36.3475, 38.5730

Trichromacy



Original Color

38.4778, 36.5400, 25.4470

Protanomaly

35.9589, 36.7254, 26.6662

Deuteranomaly

37.7771, 36.6729, 25.5096

Tritanomaly

40.0446, 36.4453, 33.3578

Monochromacy



Original Color

38.4778, 36.5400, 25.4470

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.0612, 36.6061, 34.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4778, 36.5400, 25.4470 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, 154, 128)` looks like.

```
.text, #text, p{  
    color:rgb(197, 154, 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(197, 154, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 154, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.4778, 36.5400, 25.4470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

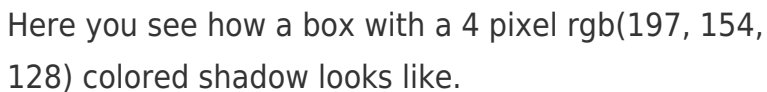
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 154, 128) }
```


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

```
.border{ border-color:rgb(197, 154, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 154, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 154, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 154, 128); box-shadow:4px 4px 4px 4px rgb(197, 154, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4778, 36.5400, 25.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 154, 128) }
```

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

```
.background{ background-color: rgb(197,  
154, 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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