

Converting Colors

XYZ(38.4122, 37.7720, 25.0048)

Have a look what the booklet for
XYZ(38.4122, 37.7720, 25.0048)
contains.

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Color

**XYZ(38.4122, 37.7720,
25.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	C29F7E
RGB	194, 159, 126
RGB Percent	76%, 62%, 49%
CMY	0.2392, 0.3765, 0.5059
CMYK	0.00, 0.18, 0.35, 0.24
HSL	29°, 36%, 63%
HSV	29°, 35%, 76%
XYZ	38.4122, 37.7720, 25.0048
YIQ	165.7030, 31.4530, -2.8430

Conversions

Conversions Part 2

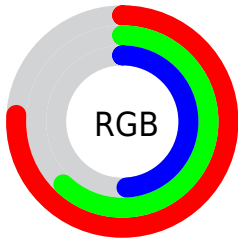
Format	Color
RYB	194, 190, 126
Decimal	12754814
CIELab	67.85, 8.24, 22.10
CIELCh	68, 23.582, 69.555
Yxy	37.7720, 0.3796, 0.3733
Android (android.graphics.Color)	4290944894 (0xFFC29F7E)
YUV	165.7030, -19.5736, 24.8165
Hunter-Lab	61.4589, 4.0104, 18.8989

Details

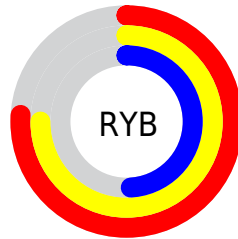
The XYZ color **38.4122, 37.7720, 25.0048** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.0862, 33.8193, 55.9284**, and the grayscale version is **36.1838, 38.0682, 41.4562**.

A 20% lighter version of the original color is **71.9669, 71.8570, 52.7246**, and **17.3496, 16.7499, 9.3398** is the 20% darker color. If you saturate the color by 10%, you get **35.6319, 34.0241, 18.4895**, and if you desaturate by 10%, it is **41.5760, 41.8980, 32.8464**.

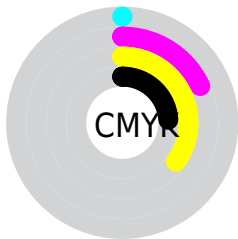
Distribution



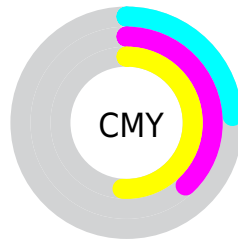
- Red (76%)
- Green (62%)
- Blue (49%)



- Red (76%)
- Yellow (75%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (24%)




- Cyan (24%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4122, 37.7720, 25.0048 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 38.4122, 37.7720, 25.0048 by changing the saturation by 10% instead.


 38.4122, 37.7720,
25.0048


 38.4122, 37.7720,
25.0048


330.6353,
336.6409, 291.3103


 26.4814, 25.8058,
15.8616


 72.0393, 71.7585,
52.6292

 17.3187, 16.6784,
9.2730


 94.4664, 94.5476,
71.9475

 10.5587, 10.0055,
4.8204


 121.1229,
121.7132, 95.4946

 5.8360, 5.4026,
2.0854

152.3743,
153.6395, 123.6889

 2.7853, 2.4854,
0.6071

188.5859,
190.7111, 156.9491

 1.0413, 0.8693,
0.0000

230.1230,

 0.0000, 0.0000,

233.3122, 195.6937

0.0000

277.3510,
281.8274, 240.3413

■ 38.4122, 37.7720,
25.0048

■ 38.4122, 37.7720,
25.0048

■ 35.6319, 34.0241,
18.4895

■ 41.5760, 41.8980,
32.8464

■ 33.2147, 30.6367,
13.2229

■ 45.1364, 46.4082,
42.0813

■ 31.1427, 27.5987,
9.1228


■ 49.1094, 51.3153,
52.7746


■ 29.3950, 24.8961,
6.0961


■ 53.5094, 56.6298,
64.9868


■ 27.9476, 22.5134,
4.0350


■ 58.3498, 62.3615,
78.7746


 26.7722, 20.4332,
2.8087

 63.6435, 68.5201,
94.1922

 26.2651, 19.5032,
2.3802

 68.2881, 74.6691,
105.4212

 71.1289, 80.3507,
106.3681

 74.1311, 86.3553,
107.3689

Harmonies

Analogous

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



41.5964, 37.7720, 29.5961



38.4122, 37.7720, 25.0048



34.7472, 37.7720, 24.3020

Triad

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



38.4122, 37.7720, 25.0048



29.4077, 37.7720, 44.5594



40.5648, 37.7720, 58.6777

Complementary

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



38.4122, 37.7720, 25.0048



31.0862, 33.8193, 55.9284

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.



37.0803, 37.7720, 64.3373



38.4122, 37.7720, 25.0048



30.7510, 37.7720, 55.3211

Square

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



38.4122, 37.7720, 25.0048



29.7109, 37.7720, 34.4902



33.5020, 37.7720, 63.0143



42.8966, 37.7720, 48.5655

Rectangle

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



38.4122, 37.7720, 25.0048



32.5452, 37.7720, 25.9870



33.5020, 37.7720, 63.0143



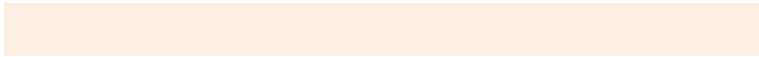
39.4802, 37.7720, 61.2358

Sweetspot

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



38.4132, 37.7738, 25.0056



84.4758, 87.4399, 83.4311



36.1541, 28.9693, 37.4663



18.2854, 18.8830, 17.6983



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.



38.4132, 37.7738, 25.0056



65.6965, 63.2027, 36.1029



45.0547, 51.0568, 27.2194



10.4676, 10.8667, 10.6077



17.3499, 12.9856, 1.5920



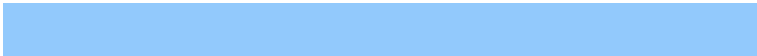
0.8186, 0.6991, 0.0918

Inverse Universe

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



31.0862, 33.8193, 55.9284



50.4550, 54.9742, 100.4216



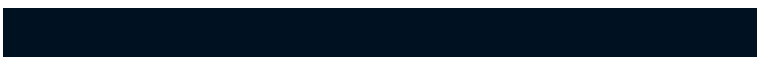
25.9488, 23.5443, 54.2159



9.9473, 10.5860, 12.8039



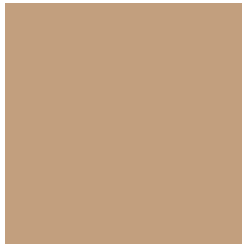
9.4708, 8.6981, 34.7364



0.4780, 0.5134, 1.5238

Previews

White Background



This preview shows how the XYZ color 38.4122, 37.7720, 25.0048 looks on a white background.

Color Contrast Check

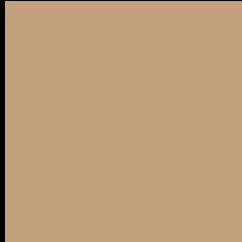
Large Text (above 18pt) WCAG AA × Fail

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 38.4122, 37.7720, 25.0048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

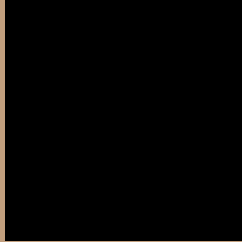
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4122, 37.7720, 25.0048

Background



This preview shows how black text looks on a background with the XYZ color 38.4122, 37.7720, 25.0048.



This preview shows how white text looks on a background with the XYZ color 38.4122, 37.7720,

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

38.4122, 37.7720, 25.0048

Protanopia

35.3221, 37.7254, 26.1889

Deuteranopia

38.6697, 37.9047, 25.0169



Tritanopia

41.6358, 37.8336, 40.7055

Trichromacy



Original Color

38.4122, 37.7720, 25.0048

Protanomaly

36.5219, 37.8202, 25.7972

Deuteranomaly

38.6697, 37.9047, 25.0169

Tritanomaly

40.5003, 37.8816, 34.4554

Monochromacy



Original Color

38.4122, 37.7720, 25.0048

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5876, 37.6589, 34.6187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4122, 37.7720, 25.0048 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(194, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 126)  
}
```

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(194, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 126) }
```

Border

The CSS property to change the border of an element to XYZ 38.4122, 37.7720, 25.0048 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(194, 159, 126) }
```


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

```
.border{ border-color:rgb(194, 159, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4122, 37.7720, 25.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 126) }
```

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

```
.background{ background-color: rgb(194,  
159, 126) }
```

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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