

Converting Colors

XYZ(38.7772, 39.9192, 25.6061)

Have a look what the booklet for
XYZ(38.7772, 39.9192, 25.6061)
contains.

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Color

**XYZ(38.7022, 39.7519,
25.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA67F
RGB	190, 166, 127
RGB Percent	75%, 65%, 50%
CMY	0.2549, 0.3490, 0.5020
CMYK	0.00, 0.13, 0.33, 0.25
HSL	37°, 33%, 62%
HSV	37°, 33%, 75%
XYZ	38.7022, 39.7519, 25.7117
YIQ	168.7300, 26.8230, -7.0410

Conversions

Conversions Part 2

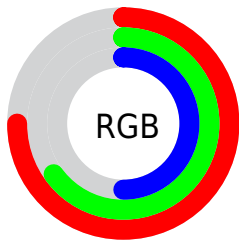
Format	Color
RYB	166, 190, 127
Decimal	12494463
CIELab	69.29, 2.96, 23.44
CIELCh	69, 23.622, 82.808
Yxy	39.7519, 0.3715, 0.3816
Android (android.graphics.Color)	4290684543 (0xFFBEA67F)
YUV	168.7300, -20.5729, 18.6538
Hunter-Lab	63.0491, -0.7651, 19.9557

Details

The XYZ color **38.7022, 39.7519, 25.7117** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.1130, 30.3620, 53.0413**, and the grayscale version is **37.6686, 39.6303, 43.1574**.

A 20% lighter version of the original color is **72.4524, 74.7823, 53.7958**, and **17.5458, 17.8189, 9.7224** is the 20% darker color. If you saturate the color by 10%, you get **36.3004, 36.7465, 19.3673**, and if you desaturate by 10%, it is **41.4136, 43.0025, 33.3123**.

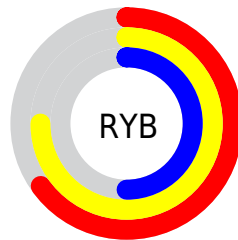
Distribution



Red (75%)

Green (65%)

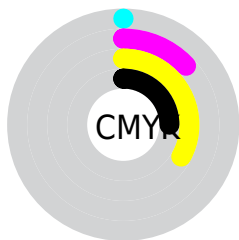
Blue (50%)



Red (65%)

Yellow (75%)

Blue (50%)

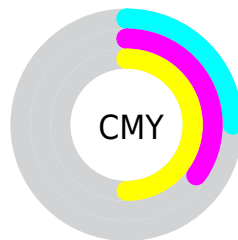


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7022, 39.7519, 25.7117 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 38.7022, 39.7519, 25.7117 by changing the saturation by 10% instead.


 38.7022, 39.7519,
25.7117


 38.7022, 39.7519,
25.7117


331.8517,
345.0768, 294.9243


 26.7078, 27.3452,
16.3843


 72.4801, 74.7856,
53.7878

 17.4894, 17.8326,
9.6392


 94.9944, 98.1813,
73.3736

 10.6815, 10.8299,
5.0579


 121.7460,
126.0088, 97.2159

 5.9188, 5.9526,
2.2220

153.1004,
158.6524, 125.7333

 2.8359, 2.8163,
0.6870

189.4227,
196.4967, 159.3443

 1.0676, 1.0366,
0.0000

231.0785,

 0.0000, 0.0000,

239.9259, 198.4674

0.0000

278.4331,
289.3244, 243.5212

■ 38.7022, 39.7519,
25.7117

■ 38.7022, 39.7519,
25.7117

■ 36.3004, 36.7465,
19.3673

■ 41.4136, 43.0025,
33.3123

■ 34.1908, 33.9731,
14.2069

■ 44.4449, 46.4999,
42.2309

■ 32.3587, 31.4252,
10.1548

■ 47.8096, 50.2529,
52.5282

■ 30.7867, 29.0939,
7.1252

■ 51.5193, 54.2678,
64.2602

■ 29.4548, 26.9691,
5.0197

■ 55.5852, 58.5510,
77.4801

■ 28.3394, 25.0391,
3.7202

■ 60.0177, 63.1083,
92.2381

■ 27.6704, 23.8175,
3.1389

■ 64.0112, 67.6191,
104.2858

■ 65.9139, 71.4245,
104.9200

■ 67.8993, 75.3953,
105.5818

Harmonies

Analogous

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



42.3588, 39.7519, 28.7026



38.7022, 39.7519, 25.7117



35.0295, 39.7519, 26.7622

Triad

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



38.7022, 39.7519, 25.7117



31.4591, 39.7519, 51.8825



43.8868, 39.7519, 57.1558

Complementary

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



38.7022, 39.7519, 25.7117



29.1130, 30.3620, 53.0413

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.



40.6771, 39.7519, 65.4982



38.7022, 39.7519, 25.7117



33.5492, 39.7519, 62.1160

Square

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



38.7022, 39.7519, 25.7117



31.0080, 39.7519, 40.7237



36.8784, 39.7519, 67.4505



45.4792, 39.7519, 45.9474

Rectangle

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



38.7022, 39.7519, 25.7117



33.0468, 39.7519, 29.7131



36.8784, 39.7519, 67.4505



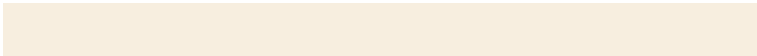
42.9514, 39.7519, 60.4598

Sweetspot

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



38.7032, 39.7537, 25.7125



82.3026, 86.2524, 81.8508



34.4230, 28.3656, 33.0033



17.8875, 18.7317, 17.4121



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.



38.7032, 39.7537, 25.7125



66.8232, 67.9170, 37.7748



41.6897, 48.3838, 27.2209



10.0087, 10.4933, 10.0745



18.4769, 15.9926, 2.1130



0.7850, 0.7490, 0.1032

Inverse Universe

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



29.1130, 30.3620, 53.0413



46.7085, 48.2290, 95.1265



26.7714, 23.9941, 51.9356



9.3064, 9.8050, 12.0743



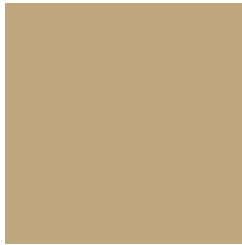
7.8075, 5.7267, 33.0868



0.3694, 0.3515, 1.3172

Previews

White Background



This preview shows how the XYZ color 38.7022, 39.7519, 25.7117 looks on a white background.

Color Contrast Check

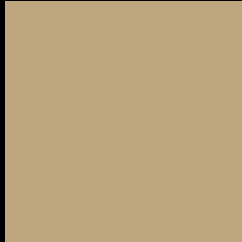
Large Text (above 18pt) WCAG AA × Fail

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 38.7022, 39.7519, 25.7117 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 38.7022, 39.7519, 25.7117

Background



This preview shows how black text looks on a background with the XYZ color 38.7022, 39.7519, 25.7117.



This preview shows how white text looks on a background with the XYZ color 38.7022, 39.7519,

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

38.7022, 39.7519, 25.7117

Protanopia

37.1403, 39.7582, 26.1387

Deuteranopia

40.3698, 39.5413, 25.9266



Tritanopia

42.5229, 39.7223, 44.4557

Trichromacy



Original Color

38.7022, 39.7519, 25.7117

Protanomaly

37.6661, 39.7541, 26.1102

Deuteranomaly

39.7584, 39.4887, 25.9487

Tritanomaly

40.9134, 39.5784, 36.9355

Monochromacy



Original Color

38.7022, 39.7519, 25.7117

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9668, 39.6855, 36.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7022, 39.7519, 25.7117 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(190, 166, 127)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 127)  
}
```

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(190, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 127) }
```

Border

The CSS property to change the border of an element to XYZ 38.7022, 39.7519, 25.7117 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(190, 166, 127) }
```


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

```
.border{ border-color:rgb(190, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7022, 39.7519, 25.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 127) }
```

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

```
.background{ background-color: rgb(190,  
166, 127) }
```

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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