

Converting Colors

XYZ(35.7809, 38.5169, 25.6273)

Have a look what the booklet for
XYZ(35.7809, 38.5169, 25.6273)
contains.

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Color

**XYZ(35.7809, 38.5169,
25.6273)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A77F
RGB	177, 167, 127
RGB Percent	69%, 65%, 50%
CMY	0.3059, 0.3451, 0.5020
CMYK	0.00, 0.06, 0.28, 0.31
HSL	48°, 24%, 60%
HSV	48°, 28%, 69%
XYZ	35.7809, 38.5169, 25.6273
YIQ	165.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

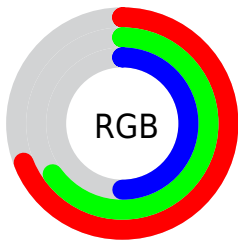
Format	Color
RYB	140, 177, 127
Decimal	11642751
CIELab	68.40, -2.76, 22.03
CIELCh	68, 22.206, 97.152
Yxy	38.5169, 0.3581, 0.3855
Android (android.graphics.Color)	4289832831 (0xFFB1A77F)
YUV	165.4300, -18.9460, 10.1469
Hunter-Lab	62.0620, -5.6970, 18.9607

Details

The XYZ color **35.7809, 38.5169, 25.6273** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6336, 25.5768, 45.1807**, and the grayscale version is **36.0535, 37.9311, 41.3069**.

A 20% lighter version of the original color is **67.9638, 72.8615, 53.6616**, and **15.8181, 17.0966, 9.6740** is the 20% darker color. If you saturate the color by 10%, you get **34.0882, 36.8181, 19.8632**, and if you desaturate by 10%, it is **37.6960, 40.3358, 32.4663**.

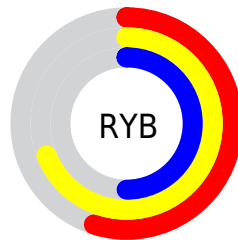
Distribution



Red (69%)

Green (65%)

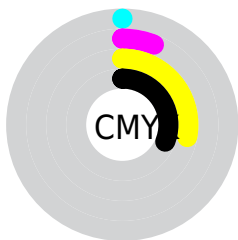
Blue (50%)



Red (55%)

Yellow (69%)

Blue (50%)

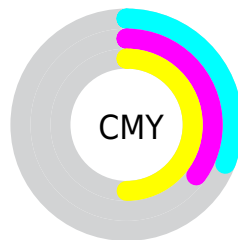


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7809, 38.5169, 25.6273 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 35.7809, 38.5169, 25.6273 by changing the saturation by 10% instead.

■ 35.7809, 38.5169,
25.6273

■ 35.7809, 38.5169,
25.6273

319.4499,
339.8322, 294.4947

■ 24.4344, 26.3841,
16.3218

■ 68.0198, 72.8997,
53.6498

■ 15.7826, 17.1112,
9.5953

■ 89.6429, 95.9185,
73.2038

■ 9.4603, 10.3138,
5.0294

■ 115.4223,
123.3348, 97.0110

■ 5.1021, 5.6075,
2.2055

145.7232,
155.5330, 125.4900

■ 2.3427, 2.6079,
0.6775

180.9111,
192.8974, 159.0594

■ 0.8164, 0.9307,
0.0000

221.3512,

■ 0.0000, 0.0000,

235.8125, 198.1376

0.0000

267.4090,
284.6626, 243.1432

■ 35.7809, 38.5169,
25.6273

■ 35.7809, 38.5169,
25.6273

■ 34.0882, 36.8181,
19.8632

■ 37.6960, 40.3358,
32.4663

■ 32.6042, 35.2296,
15.1157

■ 39.8406, 42.2736,
40.4296

■ 31.3181, 33.7481,
11.3246

■ 42.2248, 44.3362,
49.5665

■ 30.2171, 32.3685,
8.4224

■ 44.8576, 46.5273,
59.9225

■ 29.2865, 31.0844,
6.3328

■ 47.7473, 48.8503,
71.5408

■ 28.5091, 29.8889,
4.9664

■ 50.9016, 51.3087,
84.4625

■ 27.8566, 28.7703,
4.1741

■ 54.3284, 53.9057,
98.7267

■ 27.7474, 28.5791,
4.0539

■ 55.7664, 55.7371,
102.4269

■ 56.5703, 57.3449,
102.6948

Harmonies

Analogous

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



39.2744, 38.5169, 26.6170



35.7809, 38.5169, 25.6273



32.7080, 38.5169, 28.4216

Triad

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



35.7809, 38.5169, 25.6273



31.5217, 38.5169, 54.6346



43.1410, 38.5169, 49.8438

Complementary

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



35.7809, 38.5169, 25.6273



25.6336, 25.5768, 45.1807

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.



40.8088, 38.5169, 59.1776



35.7809, 38.5169, 25.6273



34.0673, 38.5169, 62.2358

Square

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



35.7809, 38.5169, 25.6273



30.3522, 38.5169, 44.3742



37.4501, 38.5169, 64.0181



43.6718, 38.5169, 39.5933

Rectangle

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



35.7809, 38.5169, 25.6273



31.2611, 38.5169, 32.3625



37.4501, 38.5169, 64.0181



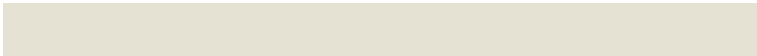
42.5348, 38.5169, 53.2381

Sweetspot

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



35.7819, 38.5186, 25.6281



71.3984, 75.7507, 72.5783



30.2364, 26.3324, 27.1564



15.3440, 16.3020, 15.2423



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7819, 38.5186, 25.6281



62.1186, 67.0332, 39.1434



34.4533, 40.6580, 26.1111



9.0499, 9.6123, 9.0309



20.1474, 20.7933, 2.9516



0.6707, 0.7277, 0.1051

Inverse Universe

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



25.6336, 25.5768, 45.1807



40.8940, 39.9721, 80.0553



26.6809, 24.1043, 44.8413



8.1750, 8.4962, 10.7154



6.2290, 3.2584, 30.4376



0.2362, 0.1830, 0.9711

Previews

White Background



This preview shows how the XYZ color 35.7809, 38.5169, 25.6273 looks on a white background.

Color Contrast Check

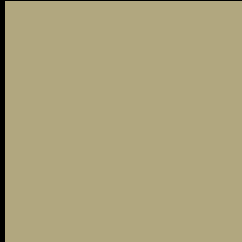
Large Text (above 18pt) WCAG AA × Fail

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 35.7809, 38.5169, 25.6273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

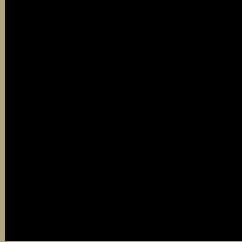
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7809, 38.5169, 25.6273

Background



This preview shows how black text looks on a background with the XYZ color 35.7809, 38.5169, 25.6273.



This preview shows how white text looks on a background with the XYZ color 35.7809, 38.5169,

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

35.7809, 38.5169, 25.6273

Protanopia

36.0096, 38.6347, 25.6380

Deuteranopia

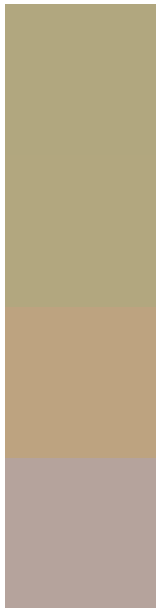
39.2320, 38.4359, 25.7732



Tritanopia

39.8161, 38.5741, 44.8822

Trichromacy



Original Color

35.7809, 38.5169, 25.6273

Protanomaly

36.0096, 38.6347, 25.6380

Deuteranomaly

37.9797, 38.5717, 25.8654

Tritanomaly

38.1540, 38.4184, 36.8571

Monochromacy



Original Color

35.7809, 38.5169, 25.6273

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5843, 37.9418, 34.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7809, 38.5169, 25.6273 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(177, 167, 127)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 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(177, 167, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.7809, 38.5169, 25.6273 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(177, 167, 127) }
```


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

```
.border{ border-color:rgb(177, 167, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 127);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7809, 38.5169, 25.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 127) }
```

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

```
.background{ background-color: rgb(177,  
167, 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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