

Converting Colors

XYZ(38.4434, 44.5132, 26.6444)

Have a look what the booklet for
XYZ(38.4434, 44.5132, 26.6444)
contains.

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Color

**XYZ(38.4434, 44.5132,
26.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB77F
RGB	175, 183, 127
RGB Percent	69%, 72%, 50%
CMY	0.3137, 0.2823, 0.5020
CMYK	0.04, 0.00, 0.31, 0.28
HSL	69°, 28%, 61%
HSV	69°, 31%, 72%
XYZ	38.4434, 44.5132, 26.6444
YIQ	174.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

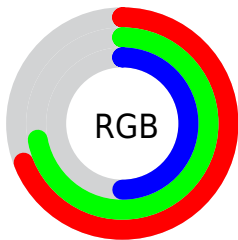
Format	Color
RYB	127, 183, 135
Decimal	11515775
CIELab	72.57, -12.00, 27.61
CIELCh	73, 30.105, 113.488
Yxy	44.5132, 0.3508, 0.4061
Android (android.graphics.Color)	4289705855 (0xFFAFB77F)
YUV	174.2240, -23.2814, 0.6806
Hunter-Lab	66.7182, -13.9042, 23.0249

Details

The XYZ color **38.4434, 44.5132, 26.6444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1300, 23.7497, 48.0092**, and the grayscale version is **40.4594, 42.5665, 46.3549**.

A 20% lighter version of the original color is **72.0597, 82.0172, 55.2130**, and **17.3482, 20.6387, 10.0905** is the 20% darker color. If you saturate the color by 10%, you get **36.7764, 43.7808, 20.8961**, and if you desaturate by 10%, it is **40.3407, 45.3421, 33.5362**.

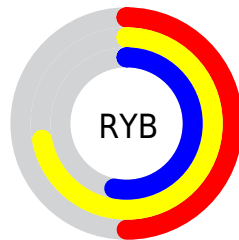
Distribution



Red (69%)

Green (72%)

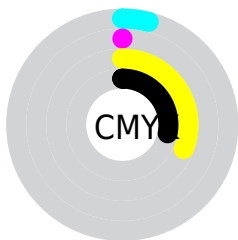
Blue (50%)



Red (50%)

Yellow (72%)

Blue (53%)

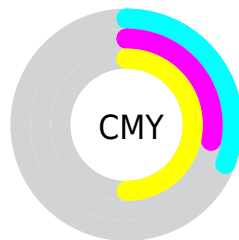


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4434, 44.5132, 26.6444 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 38.4434, 44.5132, 26.6444 by changing the saturation by 10% instead.

■ 38.4434, 44.5132,
26.6444

■ 38.4434, 44.5132,
26.6444

330.7663,
364.7984, 299.6367

■ 26.5058, 31.0742,
17.0763

■ 72.0868, 81.9894,
55.3095

■ 17.3371, 20.6553,
10.1263

■ 94.5232, 106.7954,
75.2435

■ 10.5719, 12.8723,
5.3761

■ 121.1900,
136.1592, 99.4700

■ 5.8449, 7.3407,
2.4070

152.4525,
170.4651, 128.4073

■ 2.7908, 3.6761,
0.7903

188.6760,
210.0976, 162.4741

■ 1.0441, 1.4941,
0.0000

230.2259,

■ 0.0000, 0.2845,

255.4411, 202.0889

0.0000

277.4675,
306.8799, 247.6703

■ 0.0000, 0.0000,
0.0000

■ 38.4434, 44.5132,
26.6444

■ 38.4434, 44.5132,
26.6444

■ 36.7764, 43.7808,
20.8961

■ 40.3407, 45.3421,
33.5362

■ 35.3246, 43.1342,
16.2265

■ 42.4758, 46.2660,
41.6257

■ 34.0761, 42.5702,
12.5690

■ 44.8600, 47.2908,
50.9672

■ 33.0166, 42.0831,
9.8482

■ 47.5030, 48.4205,
61.6109

■ 32.1296, 41.6664,
7.9783

■ 50.4138, 49.6586,
73.6040

■ 31.3960, 41.3122,
6.8578

■ 53.6010, 51.0086,
86.9917

■ 30.8093, 41.0216,
6.2941

■ 57.0559, 52.4671,
101.7277

■ 57.7300, 52.8147,
101.7593

■ 58.4161, 53.1683,
101.7914

Harmonies

Analogous

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



43.4538, 44.5132, 25.2015



38.4434, 44.5132, 26.6444



34.7630, 44.5132, 33.3343

Triad

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



38.4434, 44.5132, 26.6444



36.6283, 44.5132, 75.3495



53.0523, 44.5132, 51.7915

Complementary

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



38.4434, 44.5132, 26.6444



26.1300, 23.7497, 48.0092

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.



50.8736, 44.5132, 67.6015



38.4434, 44.5132, 26.6444



41.1834, 44.5132, 82.8898

Square

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



38.4434, 44.5132, 26.6444



33.7767, 44.5132, 60.8130



46.4243, 44.5132, 79.7970



52.1680, 44.5132, 37.9169

Rectangle

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



38.4434, 44.5132, 26.6444



33.4195, 44.5132, 40.7682



46.4243, 44.5132, 79.7970



52.6484, 44.5132, 57.0794

Sweetspot

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



38.4445, 44.5152, 26.6453



76.6616, 83.1124, 76.8365



31.9505, 28.7803, 23.9505



16.8013, 18.3006, 16.4649



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.4445, 44.5152, 26.6453



66.7142, 78.7828, 40.2938



32.8943, 41.6539, 26.3856



9.6206, 10.4366, 9.6143



21.5361, 28.6386, 4.3927



0.7941, 1.0276, 0.1565

Inverse Universe

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



26.1300, 23.7497, 48.0092



41.0089, 35.4220, 84.9115



31.1333, 26.3290, 48.2434



8.6374, 8.7794, 11.3188



6.2987, 2.5583, 31.4149



0.2604, 0.1100, 1.1092

Previews

White Background



This preview shows how the XYZ color 38.4434, 44.5132, 26.6444 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 38.4434, 44.5132, 26.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

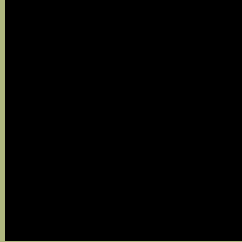
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4434, 44.5132, 26.6444

Background



This preview shows how black text looks on a background with the XYZ color 38.4434, 44.5132, 26.6444.



This preview shows how white text looks on a background with the XYZ color 38.4434, 44.5132,

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

38.4434, 44.5132, 26.6444

Protanopia

41.3603, 44.5279, 25.8169

Deuteranopia

45.2680, 44.2100, 27.2666



Tritanopia

44.0437, 44.4013, 54.3931

Trichromacy



Original Color

38.4434, 44.5132, 26.6444

Protanomaly

40.3369, 44.5880, 26.2190

Deuteranomaly

42.5811, 44.2507, 27.0658

Tritanomaly

41.6257, 44.2973, 42.4327

Monochromacy



Original Color

38.4434, 44.5132, 26.6444

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2635, 42.8773, 38.1050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4434, 44.5132, 26.6444 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(175, 183, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 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(175, 183, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 127) }
```

Border

The CSS property to change the border of an element to XYZ 38.4434, 44.5132, 26.6444 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(175, 183, 127) }
```


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

```
.border{ border-color:rgb(175, 183, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 183, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4434, 44.5132, 26.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 127) }
```

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

```
.background{ background-color: rgb(175,  
183, 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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