

Converting Colors

XYZ(25.9398, 33.6033, 17.9509)

Have a look what the booklet for
XYZ(25.9398, 33.6033, 17.9509)
contains.

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Color

**XYZ(25.9398, 33.6033,
17.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	85A767
RGB	133, 167, 103
RGB Percent	52%, 65%, 40%
CMY	0.4784, 0.3451, 0.5961
CMYK	0.20, 0.00, 0.38, 0.35
HSL	92°, 27%, 53%
HSV	92°, 38%, 65%
XYZ	25.9398, 33.6033, 17.9509
YIQ	149.5380, 0.2800, -27.1120

Conversions

Conversions Part 2

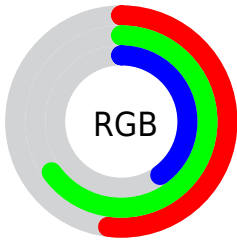
Format	Color
RYB	103, 167, 137
Decimal	8759143
CIELab	64.65, -23.29, 29.38
CIELCh	65, 37.491, 128.405
Yxy	33.6033, 0.3347, 0.4336
Android (android.graphics.Color)	4286949223 (0xFF85A767)
YUV	149.5380, -22.9432, -14.5038
Hunter-Lab	57.9684, -21.5691, 22.2177

Details

The XYZ color **25.9398, 33.6033, 17.9509** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1433, 17.8099, 38.8317**, and the grayscale version is **28.8885, 30.3929, 33.0979**.

A 20% lighter version of the original color is **52.5312, 65.1739, 40.8215**, and **10.3000, 14.3311, 5.8377** is the 20% darker color. If you saturate the color by 10%, you get **23.8420, 32.6102, 13.9057**, and if you desaturate by 10%, it is **28.3251, 34.7273, 22.8849**.

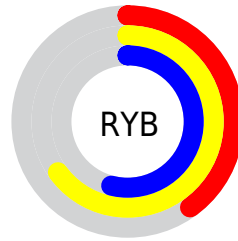
Distribution



Red (52%)

Green (65%)

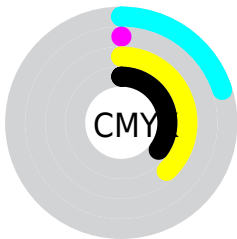
Blue (40%)



Red (40%)

Yellow (65%)

Blue (54%)

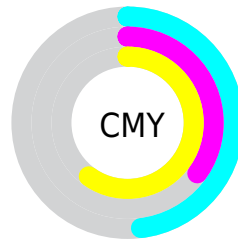


Cyan (20%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9398, 33.6033, 17.9509 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 25.9398, 33.6033, 17.9509 by changing the saturation by 10% instead.

■ 25.9398, 33.6033,
17.9509

■ 25.9398, 33.6033,
17.9509

274.7486,
318.3595, 252.8210

■ 16.9111, 22.5890,
10.7457

■ 52.6098, 65.3163,
40.7665

■ 10.2660, 14.2903,
5.7841

■ 70.9818, 86.7838,
57.2138

■ 5.6393, 8.3229,
2.6476

■ 93.1989, 112.5045,
77.5790

■ 2.6656, 4.3022,
0.9169

■ 119.6264,
142.8627, 102.2806

■ 0.9795, 1.8440,
0.0000

150.6298,
178.2430, 131.7370

■ 0.0000, 0.5144,
0.0000

186.5744,

■ 0.0000, 0.0000,

219.0296, 166.3668

0.0000

227.8255,
265.6070, 206.5887

■ 25.9398, 33.6033,
17.9509

■ 25.9398, 33.6033,
17.9509

■ 23.8420, 32.6102,
13.9057

■ 28.3251, 34.7273,
22.8849

■ 22.0162, 31.7382,
10.6943

■ 31.0074, 35.9829,
28.7540

■ 20.4491, 30.9826,
8.2587


■ 33.9988, 37.3765,
35.6041


■ 19.1252, 30.3369,
6.5328


■ 37.3098, 38.9126,
43.4773


■ 18.0263, 29.7935,
5.4394


■ 40.9506, 40.5954,
52.4131


 17.1231, 29.3402,
4.8411

 44.9306, 42.4292,
62.4492

 16.9840, 29.2703,
4.7546

 49.2591, 44.4178,
73.6213

 53.9448, 46.5651,
85.9634

 58.9963, 48.8747,
99.5082

Harmonies

Analogous

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



30.4522, 33.6033, 14.4253



25.9398, 33.6033, 17.9509



23.2616, 33.6033, 26.7407

Triad

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



25.9398, 33.6033, 17.9509



28.2845, 33.6033, 71.5824



43.2916, 33.6033, 32.4307

Complementary

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



25.9398, 33.6033, 17.9509



22.1433, 17.8099, 38.8317

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.



42.5434, 33.6033, 48.5978



25.9398, 33.6033, 17.9509



33.4733, 33.6033, 74.3703

Square

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



25.9398, 33.6033, 17.9509



24.5059, 33.6033, 58.2251



38.7983, 33.6033, 65.0267



40.7409, 33.6033, 21.1105

Rectangle

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



25.9398, 33.6033, 17.9509



22.6825, 33.6033, 35.7704



38.7983, 33.6033, 65.0267



43.4227, 33.6033, 37.4185

Sweetspot

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



25.9406, 33.6048, 17.9516



59.2883, 66.1921, 60.0495



27.1994, 26.8232, 16.5763



13.1100, 14.7392, 13.0749



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.9406, 33.6048, 17.9516



43.2260, 58.6512, 25.8861



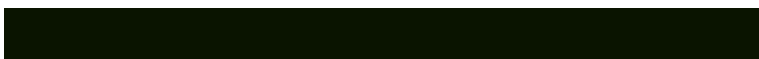
21.9154, 31.5234, 18.0446



7.7585, 8.5736, 8.0352



13.0514, 22.4255, 3.6407



0.3770, 0.5762, 0.0914

Inverse Universe

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



22.1433, 17.8099, 38.8317



35.4397, 26.2778, 68.6795



27.6648, 20.6677, 38.5774



7.4980, 7.4893, 9.4687



8.5268, 3.7792, 28.2555



0.2657, 0.1220, 0.6902

Previews

White Background



This preview shows how the XYZ color 25.9398, 33.6033, 17.9509 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 25.9398, 33.6033, 17.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

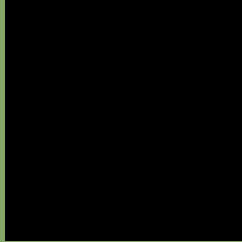
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9398, 33.6033, 17.9509

Background



This preview shows how black text looks on a background with the XYZ color 25.9398, 33.6033, 17.9509.



This preview shows how white text looks on a background with the XYZ color 25.9398, 33.6033,

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

25.9398, 33.6033, 17.9509

Protanopia

30.7182, 33.2238, 16.5982

Deuteranopia

34.0537, 33.4390, 18.5695



Tritanopia

31.0765, 33.5762, 43.3710

Trichromacy



Original Color

25.9398, 33.6033, 17.9509

Protanomaly

28.7757, 33.2298, 16.9539

Deuteranomaly

30.4263, 33.0330, 18.4080

Tritanomaly

28.7561, 33.4050, 32.1263

Monochromacy



Original Color

25.9398, 33.6033, 17.9509

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6237, 31.3997, 26.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9398, 33.6033, 17.9509 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(133, 167, 103)` looks like.

```
.text, #text, p{  
    color:rgb(133, 167, 103)  
}
```

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(133, 167, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 167, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.9398, 33.6033, 17.9509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

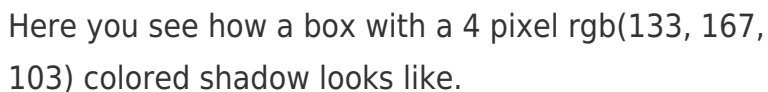
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 167, 103) }
```


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

```
.border{ border-color:rgb(133, 167, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 167, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 167, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 167, 103);  
box-shadow:4px 4px 4px 4px rgb(133, 167,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9398, 33.6033, 17.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 167, 103) }
```

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

```
.background{ background-color: rgb(133,  
167, 103) }
```

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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