

Converting Colors

XYZ(25.6170, 37.9864, 18.7292)

Have a look what the booklet for
XYZ(25.6170, 37.9864, 18.7292)
contains.

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Color

**XYZ(25.6883, 38.0975,
18.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB767
RGB	109, 183, 103
RGB Percent	43%, 72%, 40%
CMY	0.5725, 0.2823, 0.5961
CMYK	0.40, 0.00, 0.44, 0.28
HSL	116°, 36%, 56%
HSV	116°, 44%, 72%
XYZ	25.6883, 38.0975, 18.8316
YIQ	151.7540, -18.4240, -40.5680

Conversions

Conversions Part 2

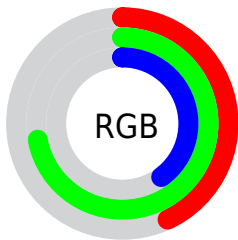
Format	Color
RYB	103, 183, 177
Decimal	7190375
CIELab	68.09, -39.19, 33.56
CIELCh	68, 51.597, 139.432
Yxy	38.0975, 0.3109, 0.4611
Android (android.graphics.Color)	4285380455 (0xFF6DB767)
YUV	151.7540, -24.0357, -37.4953
Hunter-Lab	61.7232, -33.7264, 25.1170

Details

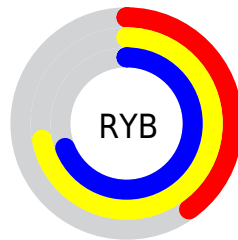
The XYZ color **25.6883, 38.0975, 18.8316** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **31.5310, 22.4678, 47.4767**, and the grayscale version is **29.8457, 31.4000, 34.1946**.

A 20% lighter version of the original color is **52.0927, 71.9921, 42.1606**, and **10.0917, 16.7791, 6.1968** is the 20% darker color. If you saturate the color by 10%, you get **22.9829, 36.7987, 14.4239**, and if you desaturate by 10%, it is **28.9977, 39.6867, 24.3186**.

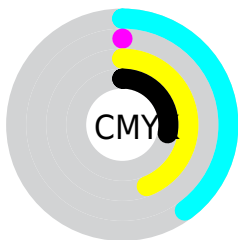
Distribution



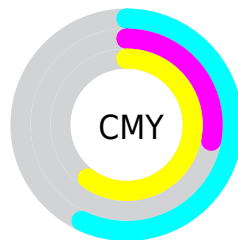
- Red (43%)
- Green (72%)
- Blue (40%)



- Red (40%)
- Yellow (72%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (44%)
- Black (28%)



- Cyan (57%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6883, 38.0975, 18.8316 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 25.6883, 38.0975, 18.8316 by changing the saturation by 10% instead.

■ 25.6883, 38.0975,
18.8316

■ 25.6883, 38.0975,
18.8316

273.5334,
338.0380, 257.9092

■ 16.7221, 26.0584,
11.3731

■ 52.2066, 72.2576,
42.2823

■ 10.1306, 16.8673,
6.2010

■ 70.4893, 95.1473,
59.1115

■ 5.5486, 10.1399,
2.8970

■ 92.6082, 122.4226,
79.9013

■ 2.6106, 5.4918,
1.0423

■ 118.9287,
154.4680, 105.0704

■ 0.9514, 2.5386,
0.0000

149.8161,
191.6679, 135.0371

■ 0.0000, 0.8959,
0.0000

185.6358,

■ 0.0000, 0.0000,

234.4066, 170.2202

0.0000

226.7531,
283.0685, 211.0380

■ 25.6883, 38.0975,
18.8316

■ 25.6883, 38.0975,
18.8316

■ 22.9829, 36.7987,
14.4239

■ 28.9977, 39.6867,
24.3186

■ 20.8424, 35.7683,
11.0220

■ 32.9416, 41.5772,
30.9467

■ 19.2273, 34.9888,
8.5474


■ 37.5518, 43.7853,
38.7764


■ 18.0920, 34.4386,
6.9088


■ 42.8572, 46.3248,
47.8628

■ 17.3829, 34.0925,
5.9964

■ 48.8850, 49.2083,
58.2580

 17.1111, 33.9597,
5.6530

 55.6608, 52.4483,
70.0107

 63.2091, 56.0562,
83.1675

 71.5532, 60.0431,
97.7726

 76.2243, 62.3486,
102.6248

Harmonies

Analogous

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



31.3058, 38.0975, 12.1659



25.6883, 38.0975, 18.8316



23.0372, 38.0975, 33.8780

Triad

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



25.6883, 38.0975, 18.8316



33.4479, 38.0975, 102.0232



52.8384, 38.0975, 28.4237

Complementary

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



25.6883, 38.0975, 18.8316



31.5310, 22.4678, 47.4767

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.



53.6382, 38.0975, 50.1457



25.6883, 38.0975, 18.8316



41.6025, 38.0975, 98.8294

Square

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



25.6883, 38.0975, 18.8316



27.0561, 38.0975, 85.0371



49.2732, 38.0975, 77.4637



47.2270, 38.0975, 16.1151

Rectangle

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



25.6883, 38.0975, 18.8316



22.9979, 38.0975, 49.1706



49.2732, 38.0975, 77.4637



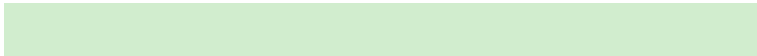
53.7074, 38.0975, 34.6392

Sweetspot

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



25.6893, 38.0991, 18.8324



67.6976, 78.6288, 70.2057



37.5692, 42.2301, 19.0037



14.5236, 17.1614, 14.7753



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.



25.6893, 38.0991, 18.8324



41.5348, 66.0830, 26.4357



26.9959, 38.5394, 29.4341



8.9511, 10.0914, 9.5830



11.9600, 23.7019, 3.9446



0.4428, 0.8465, 0.1400

Inverse Universe

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



31.5310, 22.4678, 47.4767



53.2711, 34.5984, 84.1062



29.8583, 21.9601, 31.3800



9.3127, 9.1276, 11.3504



17.4448, 8.3043, 31.9365



0.6349, 0.3030, 1.1268

Previews

White Background



This preview shows how the XYZ color 25.6883, 38.0975, 18.8316 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 25.6883, 38.0975, 18.8316 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 25.6883, 38.0975, 18.8316

Background



This preview shows how black text looks on a background with the XYZ color 25.6883, 38.0975, 18.8316.



This preview shows how white text looks on a background with the XYZ color 25.6883, 38.0975,

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

25.6883, 38.0975, 18.8316

Protanopia

34.6225, 37.5786, 16.4949

Deuteranopia

38.2759, 37.5636, 19.7011



Tritanopia

32.3707, 37.8350, 52.6105

Trichromacy



Original Color

25.6883, 38.0975, 18.8316

Protanomaly

30.5222, 37.3745, 17.4097

Deuteranomaly

32.1984, 36.8060, 19.3171

Tritanomaly

29.3306, 37.7665, 37.1963

Monochromacy



Original Color

25.6883, 38.0975, 18.8316

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.5536, 33.1499, 27.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6883, 38.0975, 18.8316 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(109, 183, 103)` looks like.

```
.text, #text, p{  
    color:rgb(109, 183, 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(109, 183, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 183, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.6883, 38.0975, 18.8316 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(109, 183, 103) }
```


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

```
.border{ border-color:rgb(109, 183, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 183, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 183, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 183, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 183,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6883, 38.0975, 18.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 183, 103) }
```

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

```
.background{ background-color: rgb(109,  
183, 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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