

Converting Colors

XYZ(25.0619, 38.2975, 18.4227)

Have a look what the booklet for
XYZ(25.0619, 38.2975, 18.4227)
contains.

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Color

**XYZ(25.1774, 38.4623,
18.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	66B965
RGB	102, 185, 101
RGB Percent	40%, 73%, 40%
CMY	0.6000, 0.2745, 0.6039
CMYK	0.45, 0.00, 0.45, 0.27
HSL	119°, 38%, 56%
HSV	119°, 45%, 73%
XYZ	25.1774, 38.4623, 18.4089
YIQ	150.6070, -22.5040, -43.7200

Conversions

Conversions Part 2

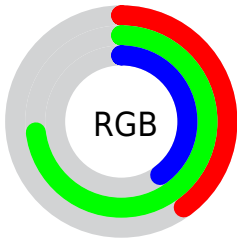
Format	Color
RYB	101, 185, 184
Decimal	6732133
CIELab	68.36, -42.51, 34.86
CIElCh	68, 54.970, 140.646
Yxy	38.4623, 0.3069, 0.4688
Android (android.graphics.Color)	4284922213 (0xFF66B965)
YUV	150.6070, -24.4563, -42.6283
Hunter-Lab	62.0180, -36.0659, 25.8134

Details

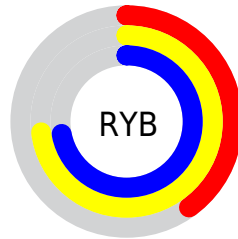
The XYZ color **25.1774, 38.4623, 18.4089** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **33.1798, 23.0018, 48.5920**, and the grayscale version is **29.3563, 30.8851, 33.6339**.

A 20% lighter version of the original color is **51.4065, 72.9723, 41.5126**, and **9.8628, 17.0614, 6.0222** is the 20% darker color. If you saturate the color by 10%, you get **22.5230, 37.1883, 14.0741**, and if you desaturate by 10%, it is **28.4946, 40.0567, 23.8414**.

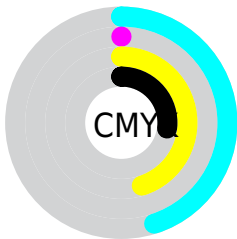
Distribution



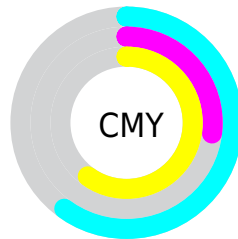
- Red (40%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (27%)





- Cyan (60%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1774, 38.4623, 18.4089 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 25.1774, 38.4623, 18.4089 by changing the saturation by 10% instead.


 25.1774, 38.4623,
18.4089


 25.1774, 38.4623,
18.4089


271.0516,
339.5990, 255.4789


 16.3387, 26.3417,
11.0715

 51.3857, 72.8162,
41.5562


 9.8565, 17.0794,
6.0002


 69.4860, 95.8182,
58.2031

 5.3655, 10.2911,
2.7764


 91.4042, 123.2162,
78.7903

 2.5002, 5.5924,
0.9816

 117.5057,
155.3945, 103.7362

 0.8954, 2.5989,
0.0000

148.1559,
192.7376, 133.4596

 0.0000, 0.9261,
0.0000

183.7200,

 0.0000, 0.0000,

235.6297, 168.3787

0.0000

224.5635,
284.4554, 208.9123

■ 25.1774, 38.4623,
18.4089

■ 25.1774, 38.4623,
18.4089

■ 22.5230, 37.1883,
14.0741

■ 28.4946, 40.0567,
23.8414

■ 20.4844, 36.2085,
10.7600

■ 32.5118, 41.9858,
30.4364

■ 19.0127, 35.5009,
8.3838


■ 37.2671, 44.2691,
38.2571


■ 18.0508, 35.0381,
6.8486


■ 42.7947, 46.9229,
47.3609

■ 17.5291, 34.7865,
6.0347


■ 49.1270, 49.9628,
57.8020

 17.3773, 34.7137,
5.7845

 56.2943, 53.4033,
69.6312

 64.3254, 57.2581,
82.8968

 73.2477, 61.5406,
97.6448

 76.6397, 63.1795,
102.7632

Harmonies

Analogous

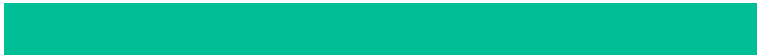
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.0175, 38.4623, 11.3075



25.1774, 38.4623, 18.4089



22.5170, 38.4623, 34.6256

Triad

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



25.1774, 38.4623, 18.4089



33.9281, 38.4623, 108.3736



54.3704, 38.4623, 27.2688

Complementary

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



25.1774, 38.4623, 18.4089



33.1798, 23.0018, 48.5920

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.



55.4780, 38.4623, 50.0804



25.1774, 38.4623, 18.4089



42.7202, 38.4623, 103.8794

Square

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



25.1774, 38.4623, 18.4089



27.0195, 38.4623, 90.3695



50.9343, 38.4623, 79.7807



48.1106, 38.4623, 14.8477

Rectangle

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



25.1774, 38.4623, 18.4089



22.5640, 38.4623, 51.2775



50.9343, 38.4623, 79.7807



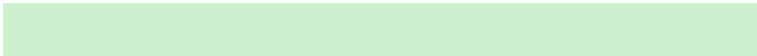
55.3923, 38.4623, 33.7052

Sweetspot

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



25.1784, 38.4639, 18.4098



67.8337, 79.8062, 70.3119



39.4158, 45.3709, 18.9925



14.1977, 17.0001, 14.4570



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.



25.1784, 38.4639, 18.4098



40.5573, 66.7068, 25.5649



27.5696, 39.4074, 31.5885



8.9000, 10.0651, 9.5806



11.8362, 23.6381, 3.9388



0.4206, 0.8350, 0.1390

Inverse Universe

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



33.1798, 23.0018, 48.5920



56.6022, 35.6871, 86.1096



29.7273, 21.6485, 29.1591



9.3701, 9.1572, 11.3531



19.2324, 9.2259, 32.0202



0.6814, 0.3270, 1.1289

Previews

White Background



This preview shows how the XYZ color 25.1774, 38.4623, 18.4089 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 25.1774, 38.4623, 18.4089 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 25.1774, 38.4623, 18.4089

Background



This preview shows how black text looks on a background with the XYZ color 25.1774, 38.4623, 18.4089.



This preview shows how white text looks on a background with the XYZ color 25.1774, 38.4623,

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

25.1774, 38.4623, 18.4089

Protanopia

34.9480, 38.0257, 16.0874

Deuteranopia

38.4339, 37.6574, 19.1528



Tritanopia

32.2610, 38.3271, 53.8417

Trichromacy



Original Color

25.1774, 38.4623, 18.4089

Protanomaly

30.2381, 37.5225, 16.9581

Deuteranomaly

31.8623, 36.9177, 18.8111

Tritanomaly

29.0160, 38.1852, 37.7395

Monochromacy



Original Color

25.1774, 38.4623, 18.4089

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.0037, 32.8744, 27.1124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1774, 38.4623, 18.4089 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(102, 185, 101)` looks like.

```
.text, #text, p{  
    color:rgb(102, 185, 101)  
}
```

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(102, 185, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 185, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.1774, 38.4623, 18.4089 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(102, 185, 101) }
```


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

```
.border{ border-color:rgb(102, 185, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 185, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 185, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 185, 101);  
box-shadow:4px 4px 4px 4px rgb(102, 185,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1774, 38.4623, 18.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 185, 101) }
```

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

```
.background{ background-color: rgb(102,  
185, 101) }
```

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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