

Converting Colors

XYZ(19.3761, 25.3544, 18.1739)

Have a look what the booklet for
XYZ(19.3761, 25.3544, 18.1739)
contains.

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Color

**XYZ(19.3601, 25.3883,
18.0674)**

Conversions

Conversions Part 1

Format	Color
Hex	6B946C
RGB	107, 148, 108
RGB Percent	42%, 58%, 42%
CMY	0.5804, 0.4196, 0.5765
CMYK	0.28, 0.00, 0.27, 0.42
HSL	121°, 16%, 50%
HSV	121°, 28%, 58%
XYZ	19.3601, 25.3883, 18.0674
YIQ	131.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

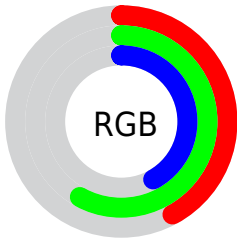
Format	Color
R_{YB}	107, 147, 148
Decimal	7050348
CIE _{Lab}	57.45, -22.41, 16.74
CIE _{LCh}	57, 27.974, 143.248
Yxy	25.3883, 0.3082, 0.4042
Android (android.graphics.Color)	4285240428 (0xFF6B946C)
YUV	131.1810, -11.4282, -21.2067
Hunter-Lab	50.3868, -19.5919, 14.0109

Details

The XYZ color **19.3601, 25.3883, 18.0674** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7378, 18.9185, 30.0581**, and the grayscale version is **21.6812, 22.8103, 24.8404**.

A 20% lighter version of the original color is **41.7638, 52.1501, 41.1225**, and **6.8352, 9.7752, 5.8015** is the 20% darker color. If you saturate the color by 10%, you get **17.0249, 24.2667, 14.2736**, and if you desaturate by 10%, it is **22.1285, 26.7199, 22.5470**.

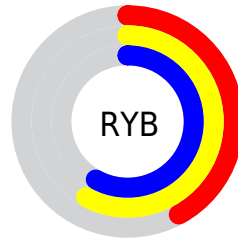
Distribution



Red (42%)

Green (58%)

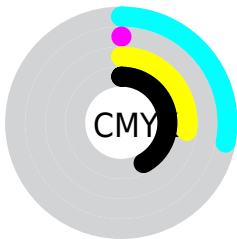
Blue (42%)



Red (42%)

Yellow (58%)

Blue (58%)

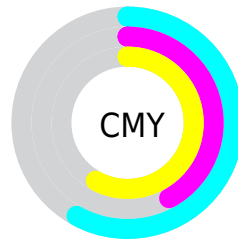


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3601, 25.3883, 18.0674 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 19.3601, 25.3883, 18.0674 by changing the saturation by 10% instead.

■ 19.3601, 25.3883,
18.0674

■ 19.3601, 25.3883,
18.0674

241.3297,
279.7662, 253.4995

■ 12.0363, 16.3666,
10.8284

■ 41.8539, 52.2865,
40.9676

■ 6.8408, 9.7839,
5.8389

■ 57.7546, 70.9317,
57.4660

■ 3.4082, 5.2559,
2.6802

■ 77.2450, 93.5536,
77.8879

■ 1.3731, 2.3982,
0.9334

■ 100.6904,
120.5365, 102.6519

■ 0.2369, 0.8250,
0.0000

128.4563,
152.2648, 132.1765

■ 0.0000, 0.0000,
0.0000

160.9079,

189.1229, 166.8803

198.4105,
231.4953, 207.1818

■ 19.3601, 25.3883,
18.0674

■ 19.3601, 25.3883,
18.0674

■ 17.0249, 24.2667,
14.2736

■ 22.1285, 26.7199,
22.5470

■ 15.0991, 23.3416,
11.1302

■ 25.3485, 28.2682,
27.7420

■ 13.5598, 22.6024,
8.6011

■ 29.0395, 30.0434,
33.6826

■ 12.3809, 22.0367,
6.6463

■ 33.2195, 32.0540,
40.3964

■ 11.5330, 21.6303,
5.2207

■ 37.9054, 34.3082,
47.9099

■ 10.9824, 21.3668,
4.2728

■ 43.1134, 36.8138,
56.2481

■ 10.6709, 21.2179,
3.7320

■ 48.8588, 39.5783,
65.4352

■ 10.6102, 21.1887,
3.6343

■ 55.1566, 42.6088,
75.4940

■ 62.0207, 45.9121,
86.4469

Harmonies

Analogous

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



21.6931, 25.3883, 13.9971



19.3601, 25.3883, 18.0674



18.3199, 25.3883, 25.5452

Triad

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



19.3601, 25.3883, 18.0674



23.3866, 25.3883, 50.1175



30.4979, 25.3883, 21.0250

Complementary

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



19.3601, 25.3883, 18.0674



22.7378, 18.9185, 30.0581

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.



31.0565, 25.3883, 29.8537



19.3601, 25.3883, 18.0674



26.7446, 25.3883, 48.1220

Square

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



19.3601, 25.3883, 18.0674



20.5023, 25.3883, 45.0721



29.6272, 25.3883, 40.1172



28.1640, 25.3883, 15.4105

Rectangle

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



19.3601, 25.3883, 18.0674



18.4248, 25.3883, 32.0577



29.6272, 25.3883, 40.1172



30.9078, 25.3883, 23.6544

Sweetspot

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



19.3608, 25.3894, 18.0680



44.4471, 49.7424, 48.5008



25.3343, 28.4750, 18.0712



9.9542, 11.2627, 10.7620



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.3608, 25.3894, 18.0680



31.6158, 43.5737, 27.7499



20.5624, 25.8700, 24.3958



5.7350, 6.4706, 6.2153



9.0639, 18.0984, 3.1121



0.1121, 0.2220, 0.0441

Inverse Universe

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



22.7378, 18.9185, 30.0581



38.5485, 30.2881, 52.3638



21.2901, 18.3394, 22.4345



6.0293, 5.9068, 7.2603



14.7585, 7.1085, 23.2732



0.1822, 0.0876, 0.2931

Previews

White Background



This preview shows how the XYZ color 19.3601, 25.3883, 18.0674 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3601, 25.3883, 18.0674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

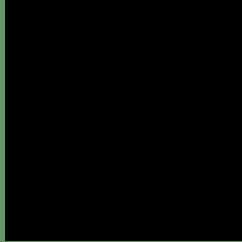
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3601, 25.3883, 18.0674

Background



This preview shows how black text looks on a background with the XYZ color 19.3601, 25.3883, 18.0674.



This preview shows how white text looks on a background with the XYZ color 19.3601, 25.3883,

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

19.3601, 25.3883, 18.0674

Protanopia

23.4265, 25.0736, 16.4370

Deuteranopia

25.6177, 25.1238, 18.5381



Tritanopia

22.4930, 25.2907, 33.8331

Trichromacy



Original Color

19.3601, 25.3883, 18.0674

Protanomaly

21.5904, 24.9752, 17.0474

Deuteranomaly

22.8875, 24.9655, 18.3644

Tritanomaly

21.1707, 25.1974, 27.4147

Monochromacy



Original Color

19.3601, 25.3883, 18.0674

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5469, 23.4590, 22.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3601, 25.3883, 18.0674 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(107, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 108)  
}
```

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(107, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 108) }
```

Border

The CSS property to change the border of an element to XYZ 19.3601, 25.3883, 18.0674 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(107, 148, 108) }
```


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

```
.border{ border-color:rgb(107, 148, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3601, 25.3883, 18.0674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 108) }
```

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

```
.background{ background-color: rgb(107,  
148, 108) }
```

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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