

Converting Colors

XYZ(19.6430, 25.4878, 18.0698)

Have a look what the booklet for
XYZ(19.6430, 25.4878, 18.0698)
contains.

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Color

**XYZ(19.7271, 25.5775,
18.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	6E946C
RGB	110, 148, 108
RGB Percent	43%, 58%, 42%
CMY	0.5686, 0.4196, 0.5765
CMYK	0.26, 0.00, 0.27, 0.42
HSL	117°, 16%, 50%
HSV	117°, 27%, 58%
XYZ	19.7271, 25.5775, 18.0846
YIQ	132.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

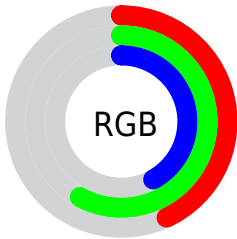
Format	Color
R_{YB}	108, 148, 146
Decimal	7246956
CIE _{Lab}	57.63, -21.35, 17.02
CIE _{LCh}	58, 27.303, 141.444
Yxy	25.5775, 0.3112, 0.4035
Android (android.graphics.Color)	4285437036 (0xFF6E946C)
YUV	132.0780, -11.8705, -19.3624
Hunter-Lab	50.5742, -18.8787, 14.2007

Details

The XYZ color **19.7271, 25.5775, 18.0846** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5630, 18.9750, 30.4916**, and the grayscale version is **22.0048, 23.1508, 25.2112**.

A 20% lighter version of the original color is **42.3660, 52.4605, 41.1507**, and **7.0148, 9.8677, 5.8099** is the 20% darker color. If you saturate the color by 10%, you get **17.3927, 24.4582, 14.2069**, and if you desaturate by 10%, it is **22.4742, 26.8956, 22.6807**.

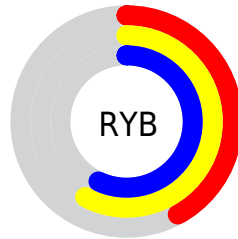
Distribution



Red (43%)

Green (58%)

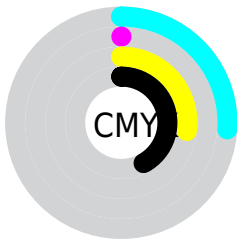
Blue (42%)



Red (42%)

Yellow (58%)

Blue (57%)

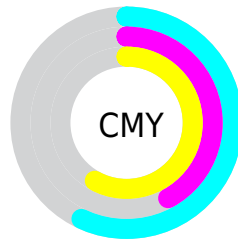


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7271, 25.5775, 18.0846 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 19.7271, 25.5775, 18.0846 by changing the saturation by 10% instead.

■ 19.7271, 25.5775,
18.0846

■ 19.7271, 25.5775,
18.0846

243.2957,
280.7018, 253.5996

■ 12.3039, 16.5078,
10.8407

■ 42.4666, 52.5926,
40.9973

■ 7.0247, 9.8842,
5.8470

■ 58.5137, 71.3067,
57.5032

■ 3.5240, 5.3223,
2.6850

■ 78.1661, 94.0046,
77.9334

■ 1.4366, 2.4376,
0.9359

■ 101.7892,
121.0704, 102.7066

■ 0.2820, 0.8451,
0.0000

129.7483,
152.8886, 132.2413

■ 0.0000, 0.0000,
0.0000

162.4089,

189.8437, 166.9560

200.1363,
232.3200, 207.2692

■ 19.7271, 25.5775,
18.0846

■ 19.7271, 25.5775,
18.0846

■ 17.3927, 24.4582,
14.2069

■ 22.4742, 26.8956,
22.6807

■ 15.4492, 23.5251,
11.0098

■ 25.6505, 28.4179,
28.0273

■ 13.8758, 22.7689,
8.4546

■ 29.2740, 30.1540,
34.1563

■ 12.6490, 22.1785,
6.4979

■ 33.3611, 32.1116,
41.0974

■ 11.7425, 21.7414,
5.0910

■ 37.9274, 34.2981,
48.8788

■ 11.1265, 21.4434,
4.1776

■ 42.9876, 36.7206,
57.5273

■ 10.7603, 21.2656,
3.6639

■ 48.5561, 39.3858,
67.0686

■ 10.6830, 21.2285,
3.5345

■ 54.6464, 42.3003,
77.5271

■ 61.2717, 45.4703,
88.9264

Harmonies

Analogous

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



22.0883, 25.5775, 14.2498



19.7271, 25.5775, 18.0846



18.6194, 25.5775, 25.2610

Triad

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



19.7271, 25.5775, 18.0846



23.3892, 25.5775, 49.6641



30.6303, 25.5775, 21.7835

Complementary

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



19.7271, 25.5775, 18.0846



22.5630, 18.9750, 30.4916

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.



31.0574, 25.5775, 30.6091



19.7271, 25.5775, 18.0846



26.6772, 25.5775, 48.1447

Square

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



19.7271, 25.5775, 18.0846



20.6062, 25.5775, 44.3960



29.5543, 25.5775, 40.6168



28.4344, 25.5775, 16.0292

Rectangle

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



19.7271, 25.5775, 18.0846



18.6654, 25.5775, 31.5689



29.5543, 25.5775, 40.6168



30.9928, 25.5775, 24.4344

Sweetspot

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



19.7278, 25.5786, 18.0852



44.5834, 49.8170, 48.3142



25.1995, 27.9376, 18.2521



9.9900, 11.2823, 10.7130



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.



19.7278, 25.5786, 18.0852



32.4081, 43.9792, 27.9174



20.5410, 25.8754, 23.6512



5.7548, 6.4814, 6.1882



9.1317, 18.1354, 3.0192



0.1171, 0.2247, 0.0372

Inverse Universe

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



22.5630, 18.9750, 30.4916



38.2069, 30.4668, 53.3015



21.6054, 18.6334, 23.5778



6.0070, 5.8946, 7.2909



13.8975, 6.6370, 24.4796



0.1772, 0.0849, 0.2999

Previews

White Background



This preview shows how the XYZ color 19.7271, 25.5775, 18.0846 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 19.7271, 25.5775, 18.0846 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 19.7271, 25.5775, 18.0846

Background



This preview shows how black text looks on a background with the XYZ color 19.7271, 25.5775, 18.0846.



This preview shows how white text looks on a background with the XYZ color 19.7271, 25.5775,

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

19.7271, 25.5775, 18.0846

Protanopia

23.7494, 25.4521, 16.4930

Deuteranopia

25.7540, 25.3963, 18.5835



Tritanopia

22.8940, 25.4975, 33.8519

Trichromacy



Original Color

19.7271, 25.5775, 18.0846

Protanomaly

22.0543, 25.4343, 17.1115

Deuteranomaly

23.0583, 25.0535, 18.3724

Tritanomaly

21.5588, 25.3975, 27.4328

Monochromacy



Original Color

19.7271, 25.5775, 18.0846

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9758, 23.8921, 22.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7271, 25.5775, 18.0846 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(110, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 148, 108) }
```

Border

The CSS property to change the border of an element to XYZ 19.7271, 25.5775, 18.0846 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(110, 148, 108) }
```


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

```
.border{ border-color:rgb(110, 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(110, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(110, 148,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7271, 25.5775, 18.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 148, 108) }
```

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

```
.background{ background-color: rgb(110,  
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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