

Converting Colors

XYZ(18.9453, 24.5932, 16.6327)

Have a look what the booklet for
XYZ(18.9453, 24.5932, 16.6327)
contains.

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Color

**XYZ(18.8803, 24.4813,
16.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9167
RGB	109, 145, 103
RGB Percent	43%, 57%, 40%
CMY	0.5725, 0.4314, 0.5961
CMYK	0.25, 0.00, 0.29, 0.43
HSL	111°, 17%, 49%
HSV	111°, 29%, 57%
XYZ	18.8803, 24.4813, 16.5622
YIQ	129.4480, -7.9740, -20.6940

Conversions

Conversions Part 2

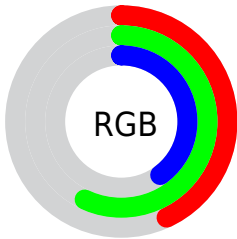
Format	Color
RYB	103, 145, 139
Decimal	7180647
CIELab	56.57, -21.05, 18.35
CIELCh	57, 27.926, 138.914
Yxy	24.4813, 0.3151, 0.4085
Android (android.graphics.Color)	4285370727 (0xFF6D9167)
YUV	129.4480, -13.0389, -17.9329
Hunter-Lab	49.4786, -18.4745, 14.7886

Details

The XYZ color **18.8803, 24.4813, 16.5622** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6095, 17.2344, 29.0297**, and the grayscale version is **21.0704, 22.1677, 24.1407**.

A 20% lighter version of the original color is **40.9541, 50.7570, 38.2104**, and **6.5800, 9.2516, 5.1803** is the 20% darker color. If you saturate the color by 10%, you get **16.7924, 23.4826, 12.9892**, and if you desaturate by 10%, it is **21.3119, 25.6440, 20.8112**.

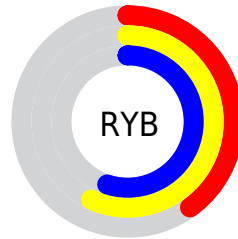
Distribution



Red (43%)

Green (57%)

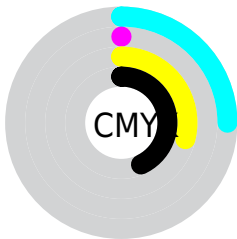
Blue (40%)



Red (40%)

Yellow (57%)

Blue (55%)

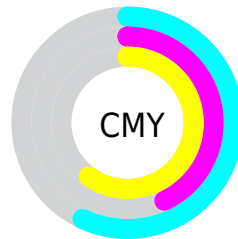


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8803, 24.4813, 16.5622 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 18.8803, 24.4813, 16.5622 by changing the saturation by 10% instead.

■ 18.8803, 24.4813,
16.5622

■ 18.8803, 24.4813,
16.5622

238.7380,
275.2448, 244.5946

■ 11.6873, 15.6910,
9.7642

■ 41.0502, 50.8145,
38.3518

■ 6.6018, 9.3058,
5.1393

■ 56.7578, 69.1262,
54.1804

■ 3.2584, 4.9412,
2.2691

■ 76.0343, 91.3805,
73.8564

■ 1.2919, 2.2128,
0.7138

■ 99.2451, 117.9618,
97.7982

■ 0.1771, 0.7270,
0.0000

126.7555,
149.2545, 126.4244

■ 0.0000, 0.0000,
0.0000

158.9308,

185.6429, 160.1535

196.1366,
227.5116, 199.4040

■ 18.8803, 24.4813,
16.5622

■ 18.8803, 24.4813,
16.5622

■ 16.7924, 23.4826,
12.9892

■ 21.3119, 25.6440,
20.8112

■ 15.0309, 22.6376,
10.0560

■ 24.0999, 26.9745,
25.7669

■ 13.5796, 21.9395,
7.7251

■ 27.2587, 28.4802,
31.4600

■ 12.4201, 21.3798,
5.9547

■ 30.8012, 30.1671,
37.9188

■ 11.5323, 20.9490,
4.6978

■ 34.7397, 32.0411,
45.1704

■ 10.8933, 20.6366,
3.8993

■ 39.0860, 34.1076,
53.2404

■ 10.4649, 20.4256,
3.4340

■ 43.8515, 36.3719,
62.1531

■ 10.4291, 20.4081,
3.3895

■ 49.0470, 38.8392,
71.9321

■ 54.6829, 41.5143,
82.5999

Harmonies

Analogous

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



21.3065, 24.4813, 13.0850



18.8803, 24.4813, 16.5622



17.6729, 24.4813, 23.3690

Triad

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



18.8803, 24.4813, 16.5622



22.0908, 24.4813, 48.2887



29.6766, 24.4813, 21.2789

Complementary

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



18.8803, 24.4813, 16.5622



20.6095, 17.2344, 29.0297

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.



29.9363, 24.4813, 30.2376



18.8803, 24.4813, 16.5622



25.3479, 24.4813, 47.3576

Square

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



18.8803, 24.4813, 16.5622



19.4085, 24.4813, 42.4993



28.2894, 24.4813, 40.1911



27.6097, 24.4813, 15.3391

Rectangle

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



18.8803, 24.4813, 16.5622



17.6387, 24.4813, 29.5183



28.2894, 24.4813, 40.1911



29.9849, 24.4813, 23.9849

Sweetspot

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



18.8809, 24.4823, 16.5627



43.0398, 48.2490, 45.9319



23.3155, 25.3786, 16.5020



9.4207, 10.6601, 9.9427



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.8809, 24.4823, 16.5627



31.2164, 42.6004, 25.2033



18.9719, 24.4363, 20.7636



5.4101, 6.0641, 5.7747



8.9595, 17.5114, 2.9078



0.0967, 0.1731, 0.0283

Inverse Universe

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



20.6095, 17.2344, 29.0297



34.8449, 27.3570, 51.4175



20.5776, 17.3406, 23.4882



5.5516, 5.4725, 6.7925



11.5655, 5.4559, 23.4206



0.1240, 0.0591, 0.2245

Previews

White Background



This preview shows how the XYZ color 18.8803, 24.4813, 16.5622 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 18.8803, 24.4813, 16.5622 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 18.8803, 24.4813, 16.5622

Background



This preview shows how black text looks on a background with the XYZ color 18.8803, 24.4813, 16.5622.



This preview shows how white text looks on a background with the XYZ color 18.8803, 24.4813,

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

18.8803, 24.4813, 16.5622

Protanopia

22.5932, 24.2485, 15.2940

Deuteranopia

24.6847, 24.2750, 17.0202



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

18.8803, 24.4813, 16.5622

Protanomaly

21.0486, 24.2909, 15.6358

Deuteranomaly

22.0290, 23.9233, 16.8212

Tritanomaly

20.6979, 24.3206, 25.7938

Monochromacy



Original Color

18.8803, 24.4813, 16.5622

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0802, 22.8216, 21.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8803, 24.4813, 16.5622 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, 145, 103)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 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, 145, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.8803, 24.4813, 16.5622 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, 145, 103) }
```


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

```
.border{ border-color:rgb(109, 145, 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, 145, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8803, 24.4813, 16.5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 103) }
```

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

```
.background{ background-color: rgb(109,  
145, 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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