

Converting Colors

XYZ(18.6058, 24.1139, 16.5058)

Have a look what the booklet for
XYZ(18.6058, 24.1139, 16.5058)
contains.

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Color

**XYZ(18.6058, 24.1139,
16.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9067
RGB	108, 144, 103
RGB Percent	42%, 56%, 40%
CMY	0.5765, 0.4353, 0.5961
CMYK	0.25, 0.00, 0.28, 0.44
HSL	113°, 17%, 48%
HSV	113°, 28%, 56%
XYZ	18.6058, 24.1139, 16.5058
YIQ	128.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

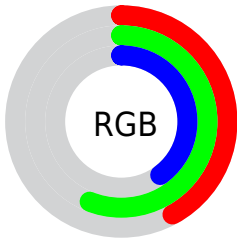
Format	Color
R_{YB}	103, 144, 139
Decimal	7114855
CIE _{Lab}	56.20, -20.90, 17.85
CIE _{LCh}	56, 27.479, 139.503
Yxy	24.1139, 0.3142, 0.4072
Android (android.graphics.Color)	4285304935 (0xFF6C9067)
YUV	128.5620, -12.6021, -18.0329
Hunter-Lab	49.1059, -18.3032, 14.4452

Details

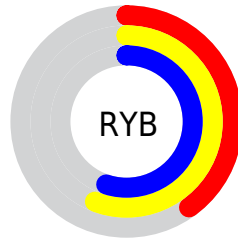
The XYZ color **18.6058, 24.1139, 16.5058** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.5327, 17.2038, 28.6252**, and the grayscale version is **20.7584, 21.8394, 23.7831**.

A 20% lighter version of the original color is **40.5240, 50.1948, 38.1246**, and **6.4318, 9.0440, 5.1481** is the 20% darker color. If you saturate the color by 10%, you get **16.5166, 23.1140, 12.9546**, and if you desaturate by 10%, it is **21.0438, 25.2806, 20.7243**.

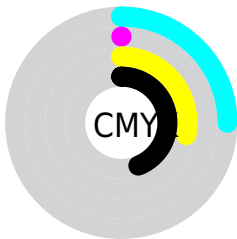
Distribution



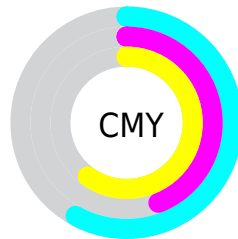
- Red (42%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (55%)



- Cyan (25%)
- Magenta (0%)
- Yellow (28%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6058, 24.1139, 16.5058 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 18.6058, 24.1139, 16.5058 by changing the saturation by 10% instead.

■ 18.6058, 24.1139,
16.5058

■ 18.6058, 24.1139,
16.5058

237.2439,
273.3958, 244.2549

■ 11.4881, 15.4181,
9.7246

■ 40.5890, 50.2160,
38.2530

■ 6.4658, 9.1134,
5.1135

■ 56.1851, 68.3911,
54.0561

■ 3.1737, 4.8152,
2.2541

■ 75.3382, 90.4948,
73.7035

■ 1.2463, 2.1392,
0.7053

■ 98.4135, 116.9115,
97.6138

■ 0.1424, 0.6866,
0.0000

125.7763,
148.0256, 126.2056

■ 0.0000, 0.0000,
0.0000

157.7921,

184.2214, 159.8973

194.8262,
225.8833, 199.1076

■ 18.6058, 24.1139,
16.5058

■ 18.6058, 24.1139,
16.5058

■ 16.5166, 23.1140,
12.9546

■ 21.0438, 25.2806,
20.7243

■ 14.7585, 22.2705,
10.0349

■ 23.8437, 26.6181,
25.6400

■ 13.3147, 21.5762,
7.7102

■ 27.0201, 28.1340,
31.2830

■ 12.1667, 21.0223,
5.9397

■ 30.5864, 29.8345,
37.6814

■ 11.2935, 20.5992,
4.6771

■ 34.5551, 31.7257,
44.8614

■ 10.6716, 20.2959,
3.8691

■ 38.9383, 33.8130,
52.8482

■ 10.2640, 20.0957,
3.4010

■ 43.7475, 36.1021,
61.6659

■ 10.2150, 20.0718,
3.3359

■ 48.9940, 38.5981,
71.3375

■ 54.6883, 41.3061,
81.8851

Harmonies

Analogous

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



20.9518, 24.1139, 13.0400



18.6058, 24.1139, 16.5058



17.4532, 24.1139, 23.2140

Triad

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



18.6058, 24.1139, 16.5058



21.8312, 24.1139, 47.3316



29.1319, 24.1139, 20.8682

Complementary

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



18.6058, 24.1139, 16.5058



20.5327, 17.2038, 28.6252

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.



29.4224, 24.1139, 29.5526



18.6058, 24.1139, 16.5058



25.0068, 24.1139, 46.2925

Square

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



18.6058, 24.1139, 16.5058



19.1986, 24.1139, 41.8218



27.8533, 24.1139, 39.2433



27.0926, 24.1139, 15.1291

Rectangle

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



18.6058, 24.1139, 16.5058



17.4380, 24.1139, 29.2326



27.8533, 24.1139, 39.2433



29.4440, 24.1139, 23.4885

Sweetspot

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



18.6064, 24.1149, 16.5063



41.6797, 46.7679, 44.5619



23.1160, 25.2400, 16.4858



9.4009, 10.6499, 9.9418



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.



18.6064, 24.1149, 16.5063



30.4515, 41.3991, 25.0785



18.8395, 24.1399, 20.8171



5.4002, 6.0589, 5.7742



8.9069, 17.4843, 2.9054



0.0947, 0.1721, 0.0282

Inverse Universe

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



20.5327, 17.2038, 28.6252



34.4039, 27.1987, 49.9746



20.3129, 17.2145, 23.0102



5.5625, 5.4781, 6.7930



11.9463, 5.6522, 23.4384



0.1260, 0.0601, 0.2246

Previews

White Background



This preview shows how the XYZ color 18.6058, 24.1139, 16.5058 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 18.6058, 24.1139, 16.5058 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 18.6058, 24.1139, 16.5058

Background



This preview shows how black text looks on a background with the XYZ color 18.6058, 24.1139, 16.5058.



This preview shows how white text looks on a background with the XYZ color 18.6058, 24.1139,

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

18.6058, 24.1139, 16.5058

Protanopia

22.2788, 23.8803, 15.2395

Deuteranopia

24.3564, 23.9092, 16.9669



Tritanopia

21.7158, 24.0599, 31.9333

Trichromacy



Original Color

18.6058, 24.1139, 16.5058

Protanomaly

20.7488, 23.9224, 15.5805

Deuteranomaly

21.7224, 23.5591, 16.7671

Tritanomaly

20.3530, 23.9328, 25.3766

Monochromacy



Original Color

18.6058, 24.1139, 16.5058

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.8004, 22.4712, 21.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6058, 24.1139, 16.5058 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(108, 144, 103)` looks like.

```
.text, #text, p{  
    color:rgb(108, 144, 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(108, 144, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 144, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.6058, 24.1139, 16.5058 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(108, 144, 103) }
```


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

```
.border{ border-color:rgb(108, 144, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 144, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 144, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 144, 103);  
box-shadow:4px 4px 4px 4px rgb(108, 144,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6058, 24.1139, 16.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 144, 103) }
```

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

```
.background{ background-color: rgb(108,  
144, 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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