

Converting Colors

XYZ(18.8857, 24.4876, 16.8439)

Have a look what the booklet for
XYZ(18.8857, 24.4876, 16.8439)
contains.

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Color

**XYZ(18.9308, 24.5015,
16.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9168
RGB	109, 145, 104
RGB Percent	43%, 57%, 41%
CMY	0.5725, 0.4314, 0.5922
CMYK	0.25, 0.00, 0.28, 0.43
HSL	113°, 16%, 49%
HSV	113°, 28%, 57%
XYZ	18.9308, 24.5015, 16.8282
YIQ	129.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

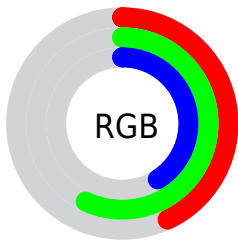
Format	Color
RYB	104, 145, 140
Decimal	7180648
CIELab	56.59, -20.87, 17.82
CIELCh	57, 27.445, 139.515
Yxy	24.5015, 0.3141, 0.4066
Android (android.graphics.Color)	4285370728 (0xFF6D9168)
YUV	129.5620, -12.6021, -18.0329
Hunter-Lab	49.4990, -18.3562, 14.4924

Details

The XYZ color **18.9308, 24.5015, 16.8282** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.8774, 17.5211, 29.0709**, and the grayscale version is **21.1092, 22.2085, 24.1851**.

A 20% lighter version of the original color is **41.0378, 50.7905, 38.6510**, and **6.6047, 9.2615, 5.3104** is the 20% darker color. If you saturate the color by 10%, you get **16.8024, 23.4829, 13.2090**, and if you desaturate by 10%, it is **21.4141, 25.6899, 21.1263**.

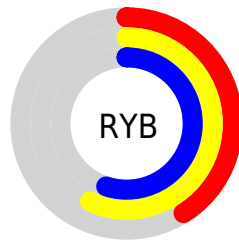
Distribution



Red (43%)

Green (57%)

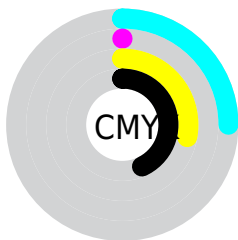
Blue (41%)



Red (41%)

Yellow (57%)

Blue (55%)

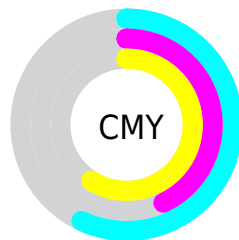


Cyan (25%)

Magenta (0%)

Yellow (28%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9308, 24.5015, 16.8282 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 18.9308, 24.5015, 16.8282 by changing the saturation by 10% instead.

■ 18.9308, 24.5015,
16.8282

■ 18.9308, 24.5015,
16.8282

239.0119,
275.3462, 246.1907

■ 11.7240, 15.7060,
9.9514

■ 41.1349, 50.8473,
38.8168

■ 6.6269, 9.3164,
5.2616

■ 56.8629, 69.1665,
54.7656

■ 3.2741, 4.9481,
2.3401

■ 76.1621, 91.4291,
74.5755

■ 1.3003, 2.2169,
0.7536

■ 99.3977, 118.0194,
98.6651

■ 0.1835, 0.7292,
0.0000

126.9351,
149.3219, 127.4529

■ 0.0000, 0.0000,
0.0000

159.1397,

185.7209, 161.3574

196.3769,
227.6009, 200.7972

■ 18.9308, 24.5015,
16.8282

■ 18.9308, 24.5015,
16.8282

■ 16.8024, 23.4829,
13.2090

■ 21.4141, 25.6899,
21.1263

■ 15.0107, 22.6233,
10.2323

■ 24.2655, 27.0519,
26.1336

■ 13.5390, 21.9155,
7.8612

■ 27.4999, 28.5955,
31.8810

■ 12.3681, 21.3507,
6.0540

■ 31.1309, 30.3268,
38.3965

■ 11.4771, 20.9190,
4.7640

■ 35.1712, 32.2521,
45.7072

■ 10.8418, 20.6091,
3.9368

■ 39.6330, 34.3769,
53.8386

■ 10.4255, 20.4047,
3.4608

■ 44.5283, 36.7069,
62.8151

■ 10.3694, 20.3773,
3.3867

■ 49.8681, 39.2473,
72.6600

■ 55.6635, 42.0033,
83.3959

Harmonies

Analogous

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



21.3001, 24.5015, 13.3187



18.9308, 24.5015, 16.8282



17.7666, 24.5015, 23.6099

Triad

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



18.9308, 24.5015, 16.8282



22.1904, 24.5015, 47.9256



29.5551, 24.5015, 21.2337

Complementary

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



18.9308, 24.5015, 16.8282



20.8774, 17.5211, 29.0709

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.



29.8488, 24.5015, 30.0010



18.9308, 24.5015, 16.8282



25.3958, 24.5015, 46.8763

Square

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



18.9308, 24.5015, 16.8282



19.5314, 24.5015, 42.3778



28.2671, 24.5015, 39.7726



27.4977, 24.5015, 15.4314

Rectangle

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



18.9308, 24.5015, 16.8282



17.7516, 24.5015, 29.6859



28.2671, 24.5015, 39.7726



29.8701, 24.5015, 23.8804

Sweetspot

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



18.9314, 24.5025, 16.8287



43.5137, 48.4723, 46.9050



23.4868, 25.6405, 16.8083



9.5140, 10.7039, 10.1412



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.



18.9314, 24.5025, 16.8287



31.3785, 42.6703, 25.8314



19.1669, 24.5277, 21.1880



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.



20.8774, 17.5211, 29.0709



35.4557, 28.0215, 51.5135



20.6553, 17.5318, 23.4036



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 18.9308, 24.5015, 16.8282 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 18.9308, 24.5015, 16.8282 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 18.9308, 24.5015, 16.8282

Background



This preview shows how black text looks on a background with the XYZ color 18.9308, 24.5015, 16.8282.



This preview shows how white text looks on a background with the XYZ color 18.9308, 24.5015,

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

18.9308, 24.5015, 16.8282

Protanopia

22.6413, 24.2678, 15.5474

Deuteranopia

24.7370, 24.2959, 17.2957



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

18.9308, 24.5015, 16.8282

Protanomaly

21.0973, 24.3104, 15.8923

Deuteranomaly

22.0807, 23.9440, 17.0935

Tritanomaly

20.6979, 24.3206, 25.7938

Monochromacy



Original Color

18.9308, 24.5015, 16.8282

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1412, 22.8460, 21.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9308, 24.5015, 16.8282 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.9308, 24.5015, 16.8282 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, 104) }
```


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

```
.border{ border-color:rgb(109, 145, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9308, 24.5015, 16.8282 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, 104) }
```

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

```
.background{ background-color: rgb(109,  
145, 104) }
```

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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