

Converting Colors

XYZ(18.5517, 24.4304, 10.3990)

Have a look what the booklet for
XYZ(18.5517, 24.4304, 10.3990)
contains.

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Color

**XYZ(18.5979, 24.4718,
10.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	74914B
RGB	116, 145, 75
RGB Percent	45%, 57%, 29%
CMY	0.5451, 0.4314, 0.7059
CMYK	0.20, 0.00, 0.48, 0.43
HSL	85°, 32%, 43%
HSV	85°, 48%, 57%
XYZ	18.5979, 24.4718, 10.3999
YIQ	128.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

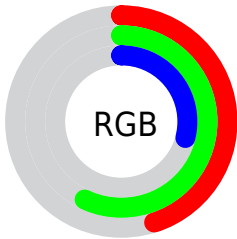
Format	Color
RYB	75, 145, 104
Decimal	7639371
CIELab	56.56, -22.47, 33.68
CIElCh	57, 40.484, 123.712
Yxy	24.4718, 0.3478, 0.4577
Android (android.graphics.Color)	4285829451 (0xFF74914B)
YUV	128.3490, -26.3011, -10.8301
Hunter-Lab	49.4690, -19.4635, 22.1637

Details

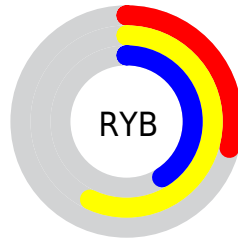
The XYZ color **18.5979, 24.4718, 10.3999** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.3367, 10.0202, 28.0206**, and the grayscale version is **20.7270, 21.8064, 23.7472**.

A 20% lighter version of the original color is **40.4873, 50.7625, 27.0663**, and **6.4473, 9.2428, 2.4811** is the 20% darker color. If you saturate the color by 10%, you get **17.3844, 23.8979, 8.0413**, and if you desaturate by 10%, it is **19.9775, 25.1197, 13.3578**.

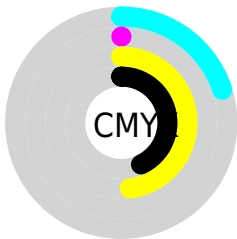
Distribution



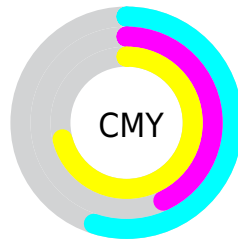
- Red (45%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (48%)
- Black (43%)



- Cyan (55%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5979, 24.4718, 10.3999 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 18.5979, 24.4718, 10.3999 by changing the saturation by 10% instead.

■ 18.5979, 24.4718,
10.3999

■ 18.5979, 24.4718,
10.3999

237.2008,
275.1971, 204.0903

■ 11.4824, 15.6840,
5.5558

■ 40.5757, 50.7990,
27.1645

■ 6.4619, 9.3008,
2.5126

■ 56.1686, 69.1072,
39.9221

■ 3.1713, 4.9379,
0.8468

■ 75.3181, 91.3576,
56.1547

■ 1.2450, 2.2109,
0.0000

■ 98.3895, 117.9347,
76.2807

■ 0.1414, 0.7259,
0.0000

■ 125.7481,
149.2228, 100.7187

■ 0.0000, 0.0000,
0.0000

157.7593,

185.6063, 129.8873

194.7884,
227.4696, 164.2050

■ 18.5979, 24.4718,
10.3999

■ 18.5979, 24.4718,
10.3999

■ 17.3844, 23.8979,
8.0413

■ 19.9775, 25.1197,
13.3578

■ 16.3263, 23.3912,
6.2394

■ 21.5292, 25.8418,
16.9506

■ 15.4144, 22.9488,
4.9483


■ 23.2612, 26.6421,
21.2131


■ 14.6377, 22.5660,
4.1145


■ 25.1803, 27.5235,
26.1769


■ 13.9738, 22.2339,
3.6269


■ 27.2930, 28.4888,
31.8717

 13.8655, 22.1796,
3.5503

 29.6055, 29.5405,
38.3257

 32.1237, 30.6810,
45.5652

 34.8531, 31.9127,
53.6156

 37.7991, 33.2379,
62.5009

Harmonies

Analogous

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



22.6797, 24.4718, 8.2701



18.5979, 24.4718, 10.3999



16.0647, 24.4718, 16.7524

Triad

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



18.5979, 24.4718, 10.3999



19.4843, 24.4718, 57.2198



33.4879, 24.4718, 25.0055

Complementary

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



18.5979, 24.4718, 10.3999



13.3367, 10.0202, 28.0206

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.



32.3346, 24.4718, 39.8228



18.5979, 24.4718, 10.3999



23.8495, 24.4718, 61.6943

Square

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



18.5979, 24.4718, 10.3999



16.5260, 24.4718, 43.7369



28.6419, 24.4718, 54.4768



31.6115, 24.4718, 14.7122

Rectangle

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



18.5979, 24.4718, 10.3999



15.3870, 24.4718, 23.9117



28.6419, 24.4718, 54.4768



33.4429, 24.4718, 29.5803

Sweetspot

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



18.5985, 24.4729, 10.4004



42.9837, 48.3209, 41.3754



17.7982, 16.2290, 8.8514



9.4168, 10.6826, 8.8319



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.



18.5985, 24.4729, 10.4004



30.9429, 42.7058, 14.0579



14.8758, 22.5538, 10.2262



5.6264, 6.1755, 5.7848



11.9223, 19.0388, 3.0465



0.1391, 0.1950, 0.0303

Inverse Universe

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



13.3367, 10.0202, 28.0206



20.3662, 13.6197, 49.5290



18.1090, 12.4804, 28.2439



5.3280, 5.3573, 6.7820



6.0143, 2.5941, 23.1608



0.0816, 0.0372, 0.2226

Previews

White Background



This preview shows how the XYZ color 18.5979, 24.4718, 10.3999 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 18.5979, 24.4718, 10.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

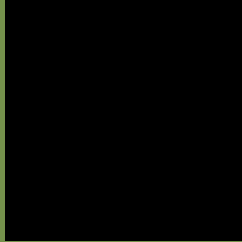
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5979, 24.4718, 10.3999

Background



This preview shows how black text looks on a background with the XYZ color 18.5979, 24.4718, 10.3999.



This preview shows how white text looks on a background with the XYZ color 18.5979, 24.4718,

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

18.5979, 24.4718, 10.3999

Protanopia

22.2281, 24.1854, 9.6276

Deuteranopia

24.7786, 24.2644, 10.7747



Tritanopia

22.8951, 24.4651, 31.5325

Trichromacy



Original Color

18.5979, 24.4718, 10.3999

Protanomaly

20.7517, 24.2646, 9.8931

Deuteranomaly

22.0717, 24.0810, 10.6925

Tritanomaly

20.8553, 24.2742, 21.6754

Monochromacy



Original Color

18.5979, 24.4718, 10.3999

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.5976, 22.4394, 17.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5979, 24.4718, 10.3999 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(116, 145, 75)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 75)  
}
```

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(116, 145, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 75) }
```

Border

The CSS property to change the border of an element to XYZ 18.5979, 24.4718, 10.3999 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(116, 145, 75) }
```


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

```
.border{ border-color:rgb(116, 145, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 75);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5979, 24.4718, 10.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 75) }
```

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

```
.background{ background-color: rgb(116,  
145, 75) }
```

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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