

Converting Colors

XYZ(18.5259, 24.6716, 30.9798)

Have a look what the booklet for
XYZ(18.5259, 24.6716, 30.9798)
contains.

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Color

**XYZ(18.5259, 24.6716,
30.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	499492
RGB	73, 148, 146
RGB Percent	29%, 58%, 57%
CMY	0.7137, 0.4196, 0.4274
CMYK	0.51, 0.00, 0.01, 0.42
HSL	178°, 34%, 43%
HSV	178°, 51%, 58%
XYZ	18.5259, 24.6716, 30.9798
YIQ	125.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

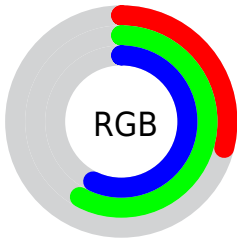
Format	Color
R_{YB}	73, 111, 148
Decimal	4822162
CIE _{Lab}	56.75, -23.69, -6.11
CIE _{LCh}	57, 24.468, 194.450
Yxy	24.6716, 0.2498, 0.3326
Android (android.graphics.Color)	4283012242 (0xFF499492)
YUV	125.3470, 10.1819, -45.9083
Hunter-Lab	49.6705, -20.3472, -2.2102

Details

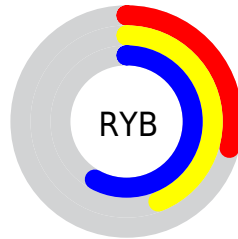
The XYZ color **18.5259, 24.6716, 30.9798** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.8662, 11.5698, 8.0545**, and the grayscale version is **19.5880, 20.6081, 22.4422**.

A 20% lighter version of the original color is **40.4479, 51.0004, 62.3558**, and **6.4486, 9.4262, 12.5459** is the 20% darker color. If you saturate the color by 10%, you get **17.5048, 24.1493, 30.7724**, and if you desaturate by 10%, it is **19.8155, 25.3334, 31.2014**.

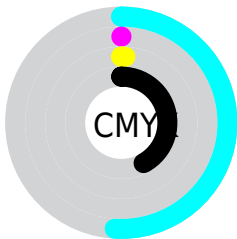
Distribution



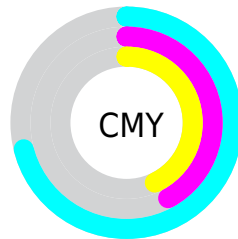
- Red (29%)
- Green (58%)
- Blue (57%)



- Red (29%)
- Yellow (44%)
- Blue (58%)



- Cyan (51%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5259, 24.6716, 30.9798 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 18.5259, 24.6716, 30.9798 by changing the saturation by 10% instead.

■ 18.5259, 24.6716,
30.9798

■ 18.5259, 24.6716,
30.9798

236.8075,
276.1985, 320.7936

■ 11.4302, 15.8326,
20.3251

■ 40.4545, 51.1240,
62.2875

■ 6.4264, 9.4057,
12.4452

■ 56.0181, 69.5061,
83.7776

■ 3.1491, 5.0068,
6.9214

■ 75.1351, 91.8380,
109.7165

■ 1.2331, 2.2512,
3.3353

■ 98.1708, 118.5041,
140.5229

■ 0.1323, 0.7477,
1.2683

■ 125.4905,
149.8888, 176.6153

■ 0.0000, 0.0000,
0.0356

157.4596,

■ 0.0000, 0.0000,

186.3765, 218.4121

0.0000

194.4435,
228.3516, 266.3321

■ 18.5259, 24.6716,
30.9798

■ 18.5259, 24.6716,
30.9798

■ 17.5048, 24.1493,
30.7724

■ 19.8155, 25.3334,
31.2014

■ 16.7307, 23.7538,
30.5766

■ 21.3886, 26.1408,
31.4362

■ 16.1825, 23.4747,
30.3920

■ 23.2620, 27.1030,
31.6857

■ 15.8347, 23.2989,
30.2172

■ 25.4503, 28.2275,
31.9504

■ 15.6284, 23.1958,
30.0603

■ 27.9672, 29.5215,
32.2311

■ 30.8258, 30.9915,
32.5284

■ 34.0382, 32.6439,
32.8427

■ 37.6160, 34.4847,
33.1747

■ 41.5705, 36.5196,
33.5249

Harmonies

Analogous

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



18.5492, 24.6716, 22.8656



18.5259, 24.6716, 30.9798



19.7455, 24.6716, 39.4435

Triad

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



18.5259, 24.6716, 30.9798



27.5072, 24.6716, 39.7198



24.9520, 24.6716, 14.3866

Complementary

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



18.5259, 24.6716, 30.9798



15.8662, 11.5698, 8.0545

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.



27.5902, 24.6716, 17.2902



18.5259, 24.6716, 30.9798



29.1450, 24.6716, 31.3015

Square

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



18.5259, 24.6716, 30.9798



24.8461, 24.6716, 45.1418



29.1765, 24.6716, 23.1284



22.1065, 24.6716, 14.3351

Rectangle

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



18.5259, 24.6716, 30.9798



21.1611, 24.6716, 43.6878



29.1765, 24.6716, 23.1284



25.8975, 24.6716, 15.0303

Sweetspot

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



18.5266, 24.6726, 30.9804



43.0475, 48.8501, 56.1534



14.7342, 23.1779, 10.0012



9.6595, 11.0654, 12.7982



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.



18.5266, 24.6726, 30.9804



30.6467, 42.4868, 54.2398



13.9989, 15.3658, 30.2461



5.9575, 6.5596, 7.3871



13.3503, 19.8129, 25.6842



0.1651, 0.2432, 0.3233

Inverse Universe

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



15.8662, 11.5698, 8.0545



25.4014, 16.6310, 9.0229



18.7788, 17.5030, 8.6927



5.8067, 5.8177, 6.0882



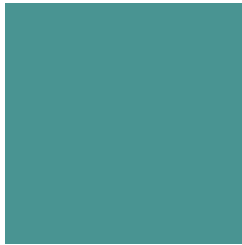
10.4518, 5.3858, 0.5942



0.1292, 0.0664, 0.0138

Previews

White Background



This preview shows how the XYZ color 18.5259, 24.6716, 30.9798 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 18.5259, 24.6716, 30.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

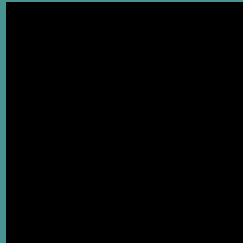
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5259, 24.6716, 30.9798

Background



This preview shows how black text looks on a background with the XYZ color 18.5259, 24.6716, 30.9798.



This preview shows how white text looks on a background with the XYZ color 18.5259, 24.6716,

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

18.5259, 24.6716, 30.9798

Protanopia

23.5679, 24.4813, 27.5280

Deuteranopia

24.8314, 24.4232, 31.8392



Tritanopia

19.5110, 24.6042, 36.0685

Trichromacy



Original Color

18.5259, 24.6716, 30.9798

Protanomaly

21.1252, 24.2567, 28.7679

Deuteranomaly

21.7699, 24.0970, 31.5208

Tritanomaly

19.2469, 24.7370, 34.3322

Monochromacy



Original Color

18.5259, 24.6716, 30.9798

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5650, 21.5327, 25.3680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5259, 24.6716, 30.9798 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(73, 148, 146)` looks like.

```
.text, #text, p{  
    color:rgb(73, 148, 146)  
}
```

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(73, 148, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 148, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.5259, 24.6716, 30.9798 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(73, 148, 146) }
```


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

```
.border{ border-color:rgb(73, 148, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 148, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 148, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 148, 146);  
box-shadow:4px 4px 4px 4px rgb(73, 148,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5259, 24.6716, 30.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 148, 146) }
```

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

```
.background{ background-color: rgb(73, 148,  
146) }
```

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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