

Converting Colors

XYZ(18.4657, 24.5580, 26.6234)

Have a look what the booklet for
XYZ(18.4657, 24.5580, 26.6234)
contains.

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Color

**XYZ(18.4630, 24.5015,
26.6778)**

Conversions

Conversions Part 1

Format	Color
Hex	549387
RGB	84, 147, 135
RGB Percent	33%, 58%, 53%
CMY	0.6706, 0.4235, 0.4706
CMYK	0.43, 0.00, 0.08, 0.42
HSL	169°, 27%, 45%
HSV	169°, 43%, 58%
XYZ	18.4630, 24.5015, 26.6778
YIQ	126.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

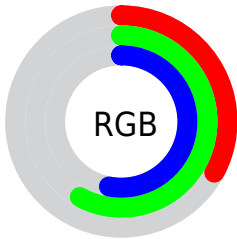
Format	Color
R_{YB}	84, 119, 147
Decimal	5542791
CIE _{Lab}	56.59, -23.30, 0.00
CIE _{LCh}	57, 23.300, 179.999
Yxy	24.5015, 0.2651, 0.3518
Android (android.graphics.Color)	4283732871 (0xFF549387)
YUV	126.7950, 4.0451, -37.5312
Hunter-Lab	49.4990, -20.0432, 2.6946

Details

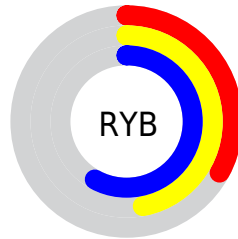
The XYZ color **18.4630, 24.5015, 26.6778** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3150, 13.3888, 12.7389**, and the grayscale version is **20.0979, 21.1445, 23.0264**.

A 20% lighter version of the original color is **40.2803, 50.7225, 55.2444**, and **6.3876, 9.3129, 10.0552** is the 20% darker color. If you saturate the color by 10%, you get **17.0884, 23.8160, 25.5981**, and if you desaturate by 10%, it is **20.1203, 25.3334, 27.7988**.

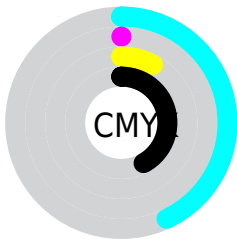
Distribution



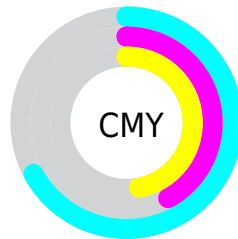
- Red (33%)
- Green (58%)
- Blue (53%)



- Red (33%)
- Yellow (47%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4630, 24.5015, 26.6778 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 18.4630, 24.5015, 26.6778 by changing the saturation by 10% instead.

■ 18.4630, 24.5015,
26.6778

■ 18.4630, 24.5015,
26.6778

236.4634,
275.3462, 299.8043

■ 11.3846, 15.7060,
17.1011

■ 40.3486, 50.8473,
55.3638

■ 6.3953, 9.3164,
10.1439

■ 55.8866, 69.1665,
75.3103

■ 3.1299, 4.9481,
5.3876

■ 74.9751, 91.4291,
99.5503

■ 1.2228, 2.2169,
2.4137

■ 97.9795, 118.0194,
128.5026

■ 0.1243, 0.7292,
0.7939

■ 125.2652,
149.3219, 162.5856

■ 0.0000, 0.0000,
0.0000

157.1975,

185.7209, 202.2178

194.1418,
227.6009, 247.8179

■ 18.4630, 24.5015,
26.6778

■ 18.4630, 24.5015,
26.6778

■ 17.0884, 23.8160,
25.5981

■ 20.1203, 25.3334,
27.7988

■ 15.9770, 23.2649,
24.5571

■ 22.0742, 26.3170,
28.9605

■ 15.1101, 22.8393,
23.5543


■ 24.3401, 27.4608,
30.1643


■ 14.4654, 22.5277,
22.5882


■ 26.9318, 28.7720,
31.4109


■ 14.0168, 22.3165,
21.6576


■ 29.8622, 30.2571,
32.7013

 13.7638, 22.2002,
21.0120

 33.1435, 31.9225,
34.0362

 36.7873, 33.7742,
35.4164

 40.8046, 35.8178,
36.8424

 45.2061, 38.0588,
38.3151

Harmonies

Analogous

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



19.0666, 24.5015, 19.8997



18.4630, 24.5015, 26.6778



19.0665, 24.5015, 34.8430

Triad

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



18.4630, 24.5015, 26.6778



25.9873, 24.5015, 41.7745



25.9874, 24.5015, 15.7427

Complementary

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



18.4630, 24.5015, 26.6778



17.3150, 13.3888, 12.7389

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.



28.0905, 24.5015, 19.8999



18.4630, 24.5015, 26.6778



28.0905, 24.5015, 34.8434

Square

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



18.4630, 24.5015, 26.6778



23.2879, 24.5015, 44.5246



28.8878, 24.5015, 26.6781



23.2880, 24.5015, 14.3795

Rectangle

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



18.4630, 24.5015, 26.6778



20.1012, 24.5015, 39.7975



28.8878, 24.5015, 26.6781



26.7949, 24.5015, 16.8142

Sweetspot

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



18.4637, 24.5025, 26.6784



43.4103, 49.0867, 53.9279



16.9219, 24.0280, 12.1339



9.7108, 11.1050, 12.2088



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.



18.4637, 24.5025, 26.6784



30.7829, 42.7396, 45.9946



16.6555, 19.4566, 30.4825



5.9172, 6.5435, 7.1750



11.9406, 19.2490, 18.2605



0.1559, 0.2395, 0.2751

Inverse Universe

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



17.3150, 13.3888, 12.7389



28.4670, 20.2396, 17.8213



18.4739, 16.5244, 10.6037



5.8433, 5.8324, 6.2808



10.6207, 5.4533, 1.4837



0.1383, 0.0701, 0.0620

Previews

White Background



This preview shows how the XYZ color 18.4630, 24.5015, 26.6778 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 18.4630, 24.5015, 26.6778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

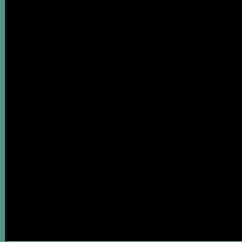
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4630, 24.5015, 26.6778

Background



This preview shows how black text looks on a background with the XYZ color 18.4630, 24.5015, 26.6778.

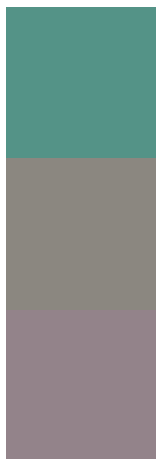


This preview shows how white text looks on a background with the XYZ color 18.4630, 24.5015,

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

18.4630, 24.5015, 26.6778

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

20.1905, 24.5205, 35.1213

Trichromacy



Original Color

18.4630, 24.5015, 26.6778

Protanomaly

20.9371, 24.0259, 25.0067

Deuteranomaly

21.7732, 23.9825, 27.1484

Tritanomaly

19.4952, 24.4636, 31.7114

Monochromacy



Original Color

18.4630, 24.5015, 26.6778

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1099, 22.0414, 24.3663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4630, 24.5015, 26.6778 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(84, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(84, 147, 135)  
}
```

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(84, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.4630, 24.5015, 26.6778 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(84, 147, 135) }
```


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

```
.border{ border-color:rgb(84, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(84, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4630, 24.5015, 26.6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 147, 135) }
```

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

```
.background{ background-color: rgb(84, 147,  
135) }
```

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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