

Converting Colors

XYZ(18.6411, 24.8826, 26.6617)

Have a look what the booklet for
XYZ(18.6411, 24.8826, 26.6617)
contains.

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Color

**XYZ(18.6192, 24.8139,
26.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	549487
RGB	84, 148, 135
RGB Percent	33%, 58%, 53%
CMY	0.6706, 0.4196, 0.4706
CMYK	0.43, 0.00, 0.09, 0.42
HSL	168°, 28%, 45%
HSV	168°, 43%, 58%
XYZ	18.6192, 24.8139, 26.7299
YIQ	127.3820, -33.9710, -17.6110

Conversions

Conversions Part 2

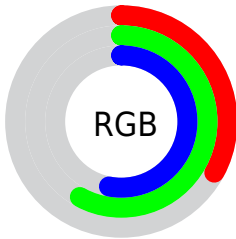
Format	Color
R_{YB}	84, 120, 148
Decimal	5543047
CIE _{Lab}	56.89, -23.81, 0.45
CIE _{LCh}	57, 23.814, 178.921
Yxy	24.8139, 0.2654, 0.3537
Android (android.graphics.Color)	4283733127 (0xFF549487)
YUV	127.3820, 3.7557, -38.0460
Hunter-Lab	49.8136, -20.4544, 3.0545

Details

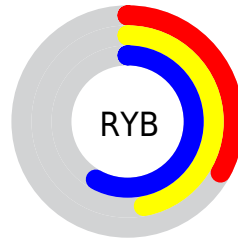
The XYZ color **18.6192, 24.8139, 26.7299** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5415, 13.5002, 12.9913**, and the grayscale version is **20.3006, 21.3578, 23.2586**.

A 20% lighter version of the original color is **40.5142, 51.1903, 55.3223**, and **6.4498, 9.4813, 10.0845** is the 20% darker color. If you saturate the color by 10%, you get **17.2234, 24.1191, 25.5755**, and if you desaturate by 10%, it is **20.3023, 25.6574, 27.9300**.

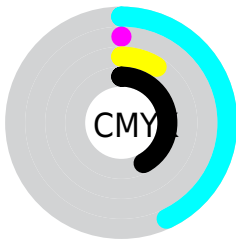
Distribution



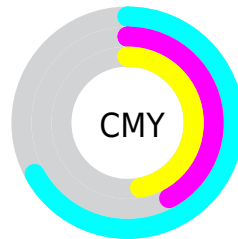
- Red (33%)
- Green (58%)
- Blue (53%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6192, 24.8139, 26.7299 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 18.6192, 24.8139, 26.7299 by changing the saturation by 10% instead.

■ 18.6192, 24.8139,
26.7299

■ 18.6192, 24.8139,
26.7299

237.3171,
276.9099, 300.0656

■ 11.4978, 15.9385,
17.1398

■ 40.6115, 51.3552,
55.4486

■ 6.4725, 9.4806,
10.1712

■ 56.2131, 69.7898,
75.4143

■ 3.1778, 5.0560,
5.4055

■ 75.3722, 92.1795,
99.6756

■ 1.2485, 2.2801,
2.4243

■ 98.4541, 118.9089,
128.6511

■ 0.1441, 0.7632,
0.7996

■ 125.8242,
150.3622, 162.7594

■ 0.0000, 0.0000,
0.0000

157.8478,

186.9239, 202.4188

194.8903,
228.9783, 248.0481

■ 18.6192, 24.8139,
26.7299

■ 18.6192, 24.8139,
26.7299

■ 17.2234, 24.1191,
25.5755

■ 20.3023, 25.6574,
27.9300

■ 16.0949, 23.5608,
24.4640

■ 22.2869, 26.6550,
29.1752

■ 15.2147, 23.1297,
23.3949


■ 24.5888, 27.8154,
30.4669


■ 14.5599, 22.8143,
22.3668


■ 27.2218, 29.1459,
31.8061


■ 14.1037, 22.6005,
21.3781


■ 30.1993, 30.6532,
33.1937

 13.8566, 22.4872,
20.7299

 33.5336, 32.3438,
34.6303

 37.2367, 34.2237,
36.1169

 41.3196, 36.2988,
37.6542

 45.7934, 38.5745,
39.2429

Harmonies

Analogous

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



19.2837, 24.8139, 19.8401



18.6192, 24.8139, 26.7299



19.1955, 24.8139, 35.1468

Triad

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



18.6192, 24.8139, 26.7299



26.2745, 24.8139, 42.8138



26.4629, 24.8139, 15.8836

Complementary

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



18.6192, 24.8139, 26.7299



17.5415, 13.5002, 12.9913

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.



28.5970, 24.8139, 20.2506



18.6192, 24.8139, 26.7299



28.4823, 24.8139, 35.7472

Square

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



18.6192, 24.8139, 26.7299



23.4840, 24.8139, 45.4664



29.3631, 24.8139, 27.3084



23.6860, 24.8139, 14.3879

Rectangle

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



18.6192, 24.8139, 26.7299



20.2336, 24.8139, 40.3275



29.3631, 24.8139, 27.3084



27.2871, 24.8139, 17.0159

Sweetspot

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



18.6199, 24.8149, 26.7305



43.3767, 49.0733, 53.7514



17.2135, 24.4102, 12.1922



9.7020, 11.1015, 12.1625



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.



18.6199, 24.8149, 26.7305



30.4342, 42.5778, 45.1659



16.9671, 19.9536, 30.9753



5.9142, 6.5423, 7.1588



11.8451, 19.2108, 17.7577



0.1552, 0.2392, 0.2714

Inverse Universe

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



17.5415, 13.5002, 12.9913



28.2834, 19.8984, 17.6802



18.5782, 16.4656, 10.5869



5.8461, 5.8335, 6.2959



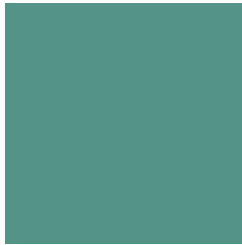
10.6409, 5.4614, 1.5903



0.1390, 0.0704, 0.0658

Previews

White Background



This preview shows how the XYZ color 18.6192, 24.8139, 26.7299 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 18.6192, 24.8139, 26.7299 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 18.6192, 24.8139, 26.7299

Background



This preview shows how black text looks on a background with the XYZ color 18.6192, 24.8139, 26.7299.

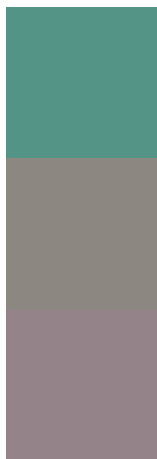


This preview shows how white text looks on a background with the XYZ color 18.6192, 24.8139,

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

18.6192, 24.8139, 26.7299

Protanopia

23.3755, 24.4619, 23.9117

Deuteranopia

25.0515, 24.6334, 27.4791



Tritanopia

20.4277, 24.8588, 35.6199

Trichromacy



Original Color

18.6192, 24.8139, 26.7299

Protanomaly

21.2205, 24.3879, 25.0616

Deuteranomaly

22.0613, 24.3431, 27.2028

Tritanomaly

19.7282, 24.8024, 32.1813

Monochromacy



Original Color

18.6192, 24.8139, 26.7299

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2488, 22.3192, 24.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6192, 24.8139, 26.7299 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, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(84, 148, 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, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 148, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.6192, 24.8139, 26.7299 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, 148, 135) }
```


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

```
.border{ border-color:rgb(84, 148, 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, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(84, 148,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6192, 24.8139, 26.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 148, 135) }
```

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

```
.background{ background-color: rgb(84, 148,  
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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