

Converting Colors

XYZ(15.9907, 18.1600, 26.3297)

Have a look what the booklet for
XYZ(15.9907, 18.1600, 26.3297)
contains.

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Color

**XYZ(16.0119, 18.2474,
26.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7B89
RGB	92, 123, 137
RGB Percent	36%, 48%, 54%
CMY	0.6392, 0.5176, 0.4627
CMYK	0.33, 0.10, 0.00, 0.46
HSL	199°, 20%, 45%
HSV	199°, 33%, 54%
XYZ	16.0119, 18.2474, 26.3451
YIQ	115.3270, -22.9700, -2.2180

Conversions

Conversions Part 2

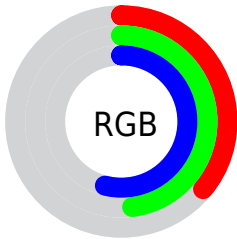
Format	Color
R _Y B	92, 110, 137
Decimal	6060937
CIE Lab	49.79, -7.45, -11.19
CIE LCh	50, 13.442, 236.329
Yxy	18.2474, 0.2642, 0.3011
Android (android.graphics.Color)	4284251017 (0xFF5C7B89)
YUV	115.3270, 10.6848, -20.4578
Hunter-Lab	42.7170, -7.8463, -6.6644

Details

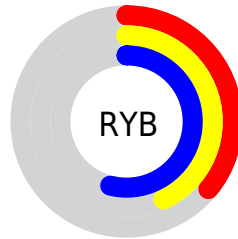
The XYZ color **16.0119, 18.2474, 26.3451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4024, 16.3991, 12.3736**, and the grayscale version is **16.3689, 17.2214, 18.7541**.

A 20% lighter version of the original color is **36.1258, 40.3069, 54.5912**, and **5.1653, 6.0993, 9.9219** is the 20% darker color. If you saturate the color by 10%, you get **14.2481, 16.5707, 26.1147**, and if you desaturate by 10%, it is **18.0474, 20.0992, 26.5956**.

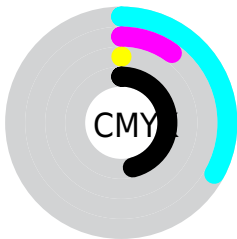
Distribution



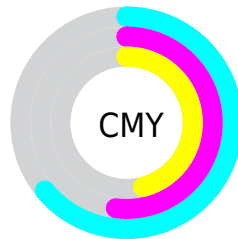
- Red (36%)
- Green (48%)
- Blue (54%)



- Red (36%)
- Yellow (43%)
- Blue (54%)



- Cyan (33%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (64%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0119, 18.2474, 26.3451 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 16.0119, 18.2474, 26.3451 by changing the saturation by 10% instead.

■ 16.0119, 18.2474,
26.3451

■ 16.0119, 18.2474,
26.3451

222.6809,
242.2618, 298.1313

■ 9.6235, 11.1278,
16.8539

■ 36.1761, 40.4584,
54.8221

■ 5.2104, 6.1528,
9.9695

■ 50.6827, 56.3186,
74.6449

■ 2.4072, 2.9382,
5.2734

■ 68.6259, 75.8611,
98.7487

■ 0.8487, 1.0996,
2.3470

■ 90.3713, 99.4703,
127.5521

■ 0.0000, 0.0000,
0.7574

116.2841,
127.5305, 161.4734

■ 0.0000, 0.0000,
0.0000

146.7298,

160.4263, 200.9314

182.0736,
198.5419, 246.3445

■ 16.0119, 18.2474,
26.3451

■ 16.0119, 18.2474,
26.3451

■ 14.2481, 16.5707,
26.1147

■ 18.0474, 20.0992,
26.5956

■ 12.7406, 15.0594,
25.9025

■ 20.3655, 22.1309,
26.8655

■ 11.4751, 13.7063,
25.7080

■ 22.9786, 24.3496,
27.1561

■ 10.4351, 12.5022,
25.5304

■ 25.8978, 26.7615,
27.4678

■ 9.6017, 11.4370,
25.3687

■ 29.1336, 29.3725,
27.8012

■ 8.9529, 10.4989,
25.2219

■ 32.6960, 32.1880,
28.1569

■ 8.5523, 9.8800,
25.1235

■ 36.5945, 35.2135,
28.5354

■ 40.8382, 38.4538,
28.9372

■ 45.4360, 41.9141,
29.3627

Harmonies

Analogous

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



15.2258, 18.2474, 23.1684



16.0119, 18.2474, 26.3451



17.1862, 18.2474, 27.7832

Triad

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



16.0119, 18.2474, 26.3451



19.9230, 18.2474, 20.3240



16.2726, 18.2474, 14.1865

Complementary

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



16.0119, 18.2474, 26.3451



17.4024, 16.3991, 12.3736

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.



17.5020, 18.2474, 13.6205



16.0119, 18.2474, 26.3451



19.6492, 18.2474, 16.8975

Square

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



16.0119, 18.2474, 26.3451



19.4781, 18.2474, 24.0471



18.7472, 18.2474, 14.5509



15.3711, 18.2474, 16.2040

Rectangle

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



16.0119, 18.2474, 26.3451



18.0463, 18.2474, 27.4464



18.7472, 18.2474, 14.5509



16.6594, 18.2474, 13.8318

Sweetspot

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



16.0125, 18.2481, 26.3455



37.6472, 40.6422, 48.2437



15.9352, 21.1972, 16.7516



8.3213, 9.0106, 10.8070



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0125, 18.2481, 26.3455



26.4094, 30.5398, 46.8860



13.5830, 13.3891, 25.5357



5.0438, 5.4305, 6.3882



7.9773, 9.2249, 23.4058



0.0661, 0.0874, 0.1598

Inverse Universe

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



17.7192, 14.4031, 20.5859



30.0040, 22.8660, 34.6610



19.9678, 21.5297, 13.2287



5.1687, 5.1029, 5.9770



11.5134, 5.7155, 10.4737



0.0831, 0.0406, 0.1044

Previews

White Background



This preview shows how the XYZ color 16.0119, 18.2474, 26.3451 looks on a white 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

Black Background



This preview shows how the XYZ color 16.0119, 18.2474, 26.3451 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

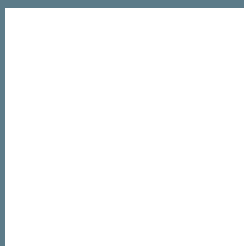
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0119, 18.2474, 26.3451

Background



This preview shows how black text looks on a background with the XYZ color 16.0119, 18.2474, 26.3451.



This preview shows how white text looks on a background with the XYZ color 16.0119, 18.2474,

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

16.0119, 18.2474, 26.3451

Protanopia

17.7974, 18.1290, 24.7515

Deuteranopia

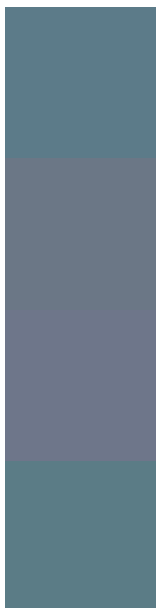
18.5367, 18.1186, 26.9464



Tritanopia

15.7557, 18.3329, 24.8985

Trichromacy



Original Color

16.0119, 18.2474, 26.3451

Protanomaly

16.9633, 18.0407, 25.1424

Deuteranomaly

17.4963, 18.1068, 26.6176

Tritanomaly

15.8251, 18.3607, 25.2641

Monochromacy



Original Color

16.0119, 18.2474, 26.3451

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1170, 17.5127, 21.2697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0119, 18.2474, 26.3451 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(92, 123, 137) looks like.

```
.text, #text, p{  
    color:rgb(92, 123, 137)  
}
```

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(92, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 123, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.0119, 18.2474, 26.3451 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(92, 123, 137) }
```


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

```
.border{ border-color:rgb(92, 123, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 123, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 123, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 123, 137);  
box-shadow:4px 4px 4px 4px rgb(92, 123,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0119, 18.2474, 26.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 123, 137) }
```

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

```
.background{ background-color: rgb(92, 123,  
137) }
```

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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