

Converting Colors

XYZ(16.3175, 19.0191, 28.6669)

Have a look what the booklet for
XYZ(16.3175, 19.0191, 28.6669)
contains.

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Color

**XYZ(16.3850, 19.1403,
28.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	567F8F
RGB	86, 127, 143
RGB Percent	34%, 50%, 56%
CMY	0.6627, 0.5020, 0.4392
CMYK	0.40, 0.11, 0.00, 0.44
HSL	197°, 25%, 45%
HSV	197°, 40%, 56%
XYZ	16.3850, 19.1403, 28.8175
YIQ	116.5650, -29.5720, -3.7160

Conversions

Conversions Part 2

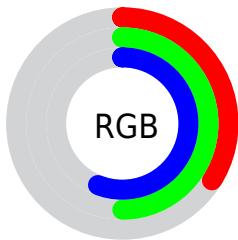
Format	Color
R_{YB}	86, 110, 143
Decimal	5668751
CIE _{Lab}	50.85, -9.88, -13.15
CIE _{LCh}	51, 16.445, 233.088
Yxy	19.1403, 0.2547, 0.2975
Android (android.graphics.Color)	4283858831 (0xFF567F8F)
YUV	116.5650, 13.0325, -26.8055
Hunter-Lab	43.7496, -9.7105, -8.4291

Details

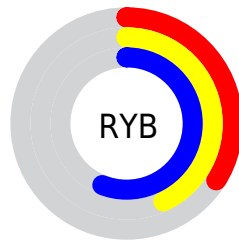
The XYZ color **16.3850, 19.1403, 28.8175** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7591, 16.0145, 10.9596**, and the grayscale version is **16.7422, 17.6141, 19.1817**.

A 20% lighter version of the original color is **36.8805, 42.0770, 59.0012**, and **5.3933, 6.5964, 11.3449** is the 20% darker color. If you saturate the color by 10%, you get **14.6898, 17.5125, 28.5930**, and if you desaturate by 10%, it is **18.3655, 20.9467, 29.0621**.

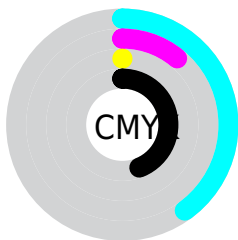
Distribution



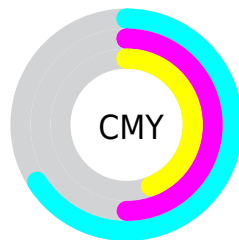
- Red (34%)
- Green (50%)
- Blue (56%)



- Red (34%)
- Yellow (43%)
- Blue (56%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3850, 19.1403, 28.8175 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 16.3850, 19.1403, 28.8175 by changing the saturation by 10% instead.

■ 16.3850, 19.1403,
28.8175

■ 16.3850, 19.1403,
28.8175

224.8289,
247.2222, 310.3868

■ 9.8896, 11.7717,
18.6984

■ 36.8174, 41.9710,
58.8257

■ 5.3875, 6.5884,
11.2780

■ 51.4850, 58.2020,
79.5519

■ 2.5134, 3.2061,
6.1376

■ 69.6075, 78.1558,
104.6510

■ 0.9020, 1.2402,
2.8588

■ 91.5501, 102.2169,
134.5413

■ 0.0000, 0.0942,
1.0230

■ 117.6781,
130.7697, 169.6415

■ 0.0000, 0.0000,
0.0000

148.3571,

164.1986, 210.3702

183.9522,
202.8880, 257.1458

■ 16.3850, 19.1403,
28.8175

■ 16.3850, 19.1403,
28.8175

■ 14.6898, 17.5125,
28.5930

■ 18.3655, 20.9467,
29.0621

■ 13.2621, 16.0525,
28.3864

■ 20.6442, 22.9374,
29.3263

■ 12.0848, 14.7515,
28.1974

■ 23.2354, 25.1206,
29.6111

■ 11.1378, 13.5988,
28.0248

■ 26.1519, 27.5031,
29.9172

■ 10.3977, 12.5821,
27.8675

■ 29.4057, 30.0916,
30.2454

■ 9.8027, 11.6689,
27.7226

■ 33.0083, 32.8922,
30.5961

■ 9.7946, 11.6564,
27.7207

■ 36.9705, 35.9108,
30.9699

■ 41.3027, 39.1532,
31.3674

■ 46.0148, 42.6247,
31.7891

Harmonies

Analogous

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



15.4748, 19.1403, 24.5380



16.3850, 19.1403, 28.8175



17.8200, 19.1403, 31.0096

Triad

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



16.3850, 19.1403, 28.8175



21.4629, 19.1403, 21.9326



16.9980, 19.1403, 13.6645

Complementary

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



16.3850, 19.1403, 28.8175



17.7591, 16.0145, 10.9596

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.



18.5697, 19.1403, 13.1801



16.3850, 19.1403, 28.8175



21.2106, 19.1403, 17.5345

Square

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



16.3850, 19.1403, 28.8175



20.7981, 19.1403, 26.6702



20.1278, 19.1403, 14.4909



15.8138, 19.1403, 15.9290

Rectangle

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



16.3850, 19.1403, 28.8175



18.9068, 19.1403, 30.7926



20.1278, 19.1403, 14.4909



17.4960, 19.1403, 13.3034

Sweetspot

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



16.3856, 19.1410, 28.8179



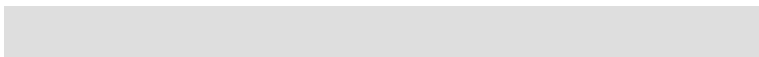
40.4470, 44.0182, 52.9026



16.0194, 22.5673, 15.8754



9.1522, 9.9912, 12.1183



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.



16.3856, 19.1410, 28.8179



26.5443, 31.5962, 51.2377



13.2864, 12.9427, 27.7849



5.4341, 5.8639, 6.8742



8.6784, 10.3428, 24.5160



0.1016, 0.1362, 0.2406

Inverse Universe

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



18.4867, 14.0280, 21.8127



30.9814, 21.5457, 36.2765



20.9506, 22.3975, 12.0235



5.5626, 5.4856, 6.4605



12.1836, 6.0304, 11.8838



0.1259, 0.0614, 0.1632

Previews

White Background



This preview shows how the XYZ color 16.3850, 19.1403, 28.8175 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 16.3850, 19.1403, 28.8175 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

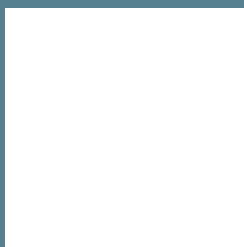
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3850, 19.1403, 28.8175

Background



This preview shows how black text looks on a background with the XYZ color 16.3850, 19.1403, 28.8175.



This preview shows how white text looks on a background with the XYZ color 16.3850, 19.1403,

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

16.3850, 19.1403, 28.8175

Protanopia

18.7751, 19.1195, 26.7456

Deuteranopia

19.3350, 18.9943, 29.4353



Tritanopia

16.0529, 19.2046, 26.9055

Trichromacy



Original Color

16.3850, 19.1403, 28.8175

Protanomaly

17.7604, 19.1235, 27.5661

Deuteranomaly

18.0558, 18.8765, 29.0774

Tritanomaly

16.1991, 19.2631, 27.6753

Monochromacy



Original Color

16.3850, 19.1403, 28.8175

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5471, 18.2453, 22.3882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3850, 19.1403, 28.8175 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(86, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(86, 127, 143)  
}
```

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(86, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 127, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.3850, 19.1403, 28.8175 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(86, 127, 143) }
```


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

```
.border{ border-color:rgb(86, 127, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 127, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 127, 143);  
box-shadow:4px 4px 4px 4px rgb(86, 127,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3850, 19.1403, 28.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 127, 143) }
```

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

```
.background{ background-color: rgb(86, 127,  
143) }
```

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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