

Converting Colors

XYZ(16.5449, 18.1815, 28.6237)

Have a look what the booklet for
XYZ(16.5449, 18.1815, 28.6237)
contains.

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Color

**XYZ(16.5146, 18.0908,
28.6081)**

Conversions

Conversions Part 1

Format	Color
Hex	5F798F
RGB	95, 121, 143
RGB Percent	37%, 47%, 56%
CMY	0.6274, 0.5255, 0.4392
CMYK	0.34, 0.15, 0.00, 0.44
HSL	207°, 20%, 47%
HSV	207°, 34%, 56%
XYZ	16.5146, 18.0908, 28.6081
YIQ	115.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

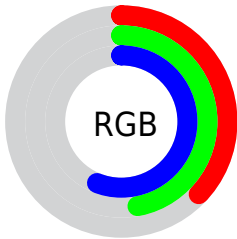
Format	Color
R _Y B	95, 112, 143
Decimal	6257039
CIE _{Lab}	49.61, -3.78, -14.98
CIE _{LCh}	50, 15.453, 255.845
Yxy	18.0908, 0.2613, 0.2862
Android (android.graphics.Color)	4284447119 (0xFF5F798F)
YUV	115.7340, 13.4421, -18.1837
Hunter-Lab	42.5333, -5.1262, -10.1055

Details

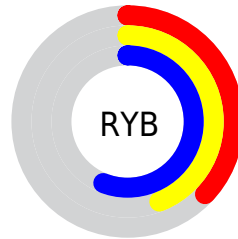
The XYZ color **16.5146, 18.0908, 28.6081** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7548, 19.3887, 13.5281**, and the grayscale version is **16.4847, 17.3432, 18.8867**.

A 20% lighter version of the original color is **37.0542, 40.1214, 58.6146**, and **5.4850, 6.1362, 11.2512** is the 20% darker color. If you saturate the color by 10%, you get **14.3939, 15.8554, 28.2887**, and if you desaturate by 10%, it is **18.9633, 20.5764, 28.9591**.

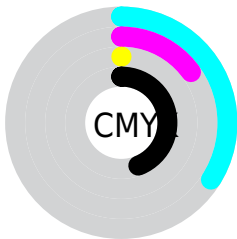
Distribution



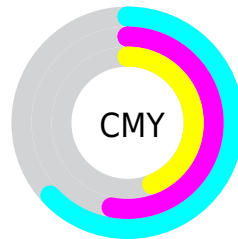
- Red (37%)
- Green (47%)
- Blue (56%)



- Red (37%)
- Yellow (44%)
- Blue (56%)



- Cyan (34%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5146, 18.0908, 28.6081 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 16.5146, 18.0908, 28.6081 by changing the saturation by 10% instead.

■ 16.5146, 18.0908,
28.6081

■ 16.5146, 18.0908,
28.6081

225.5706,
241.3823, 309.3642

■ 9.9822, 11.0152,
18.5415

■ 37.0396, 40.1920,
58.4886

■ 5.4493, 6.0771,
11.1660

■ 51.7628, 55.9864,
79.1396

■ 2.5507, 2.8920,
6.0630

■ 69.9471, 75.4558,
104.1558

■ 0.9209, 1.0756,
2.8140

■ 91.9577, 98.9846,
133.9558

■ 0.0000, 0.0000,
1.0005

118.1600,
126.9573, 168.9581

■ 0.0000, 0.0000,
0.0000

148.9193,

159.7582, 209.5812

184.6011,
197.7718, 256.2438

■ 16.5146, 18.0908,
28.6081

■ 16.5146, 18.0908,
28.6081

■ 14.3939, 15.8554,
28.2887

■ 18.9633, 20.5764,
28.9591

■ 12.5834, 13.8583,
27.9987

■ 21.7531, 23.3194,
29.3415

■ 11.0662, 12.0896,
27.7372

■ 24.8985, 26.3290,
29.7567

■ 9.8230, 10.5375,
27.5032

■ 28.4124, 29.6135,
30.2054

■ 8.8318, 9.1891,
27.2951

■ 32.3074, 33.1806,
30.6887

■ 8.0663, 8.0288,
27.1115

■ 36.5951, 37.0378,
31.2072

■ 7.6443, 7.3558,
27.0039

■ 41.2869, 41.1924,
31.7618

■ 46.3935, 45.6511,
32.3533

■ 51.9252, 50.4206,
32.9823

Harmonies

Analogous

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



15.3050, 18.0908, 26.0759



16.5146, 18.0908, 28.6081



17.9759, 18.0908, 28.5292

Triad

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



16.5146, 18.0908, 28.6081



20.0515, 18.0908, 17.5749



15.2507, 18.0908, 14.5925

Complementary

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



16.5146, 18.0908, 28.6081



19.7548, 19.3887, 13.5281

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.



16.4366, 18.0908, 12.9077



16.5146, 18.0908, 28.6081



19.2340, 18.0908, 14.4551

Square

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



16.5146, 18.0908, 28.6081



20.0753, 18.0908, 21.7387



17.8933, 18.0908, 12.8612



14.6038, 18.0908, 17.7888

Rectangle

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



16.5146, 18.0908, 28.6081



18.8988, 18.0908, 26.9930



17.8933, 18.0908, 12.8612



15.5964, 18.0908, 13.8519

Sweetspot

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



16.5152, 18.0915, 28.6085



40.7731, 43.5146, 52.7882



17.7296, 23.3532, 20.2802



9.1917, 9.8263, 12.0844



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.



16.5152, 18.0915, 28.6085



26.7537, 29.4403, 50.8105



13.9894, 13.0401, 27.7666



5.3564, 5.7085, 6.8483



6.7800, 6.5461, 23.8833



0.0869, 0.1067, 0.2357

Inverse Universe

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



18.8716, 15.4050, 20.0687



31.7156, 24.2457, 32.7244



22.8596, 25.5983, 14.5631



5.5234, 5.4699, 6.2540



11.2254, 5.6472, 6.8381



0.1185, 0.0584, 0.1240

Previews

White Background



This preview shows how the XYZ color 16.5146, 18.0908, 28.6081 looks on a white background.

Color Contrast Check

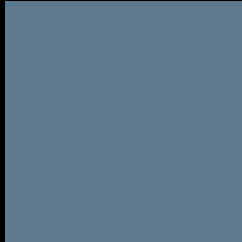
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5146, 18.0908, 28.6081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

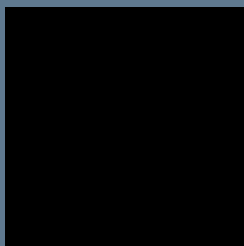
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

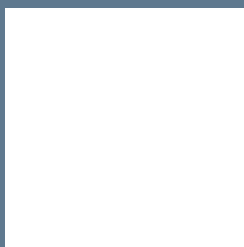
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5146, 18.0908, 28.6081

Background



This preview shows how black text looks on a background with the XYZ color 16.5146, 18.0908, 28.6081.



This preview shows how white text looks on a background with the XYZ color 16.5146, 18.0908,

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

16.5146, 18.0908, 28.6081

Protanopia

17.9050, 18.1267, 27.3661

Deuteranopia

18.3672, 17.9881, 28.8895



Tritanopia

15.8308, 18.1865, 24.8663

Trichromacy



Original Color

16.5146, 18.0908, 28.6081

Protanomaly

17.2300, 17.9441, 27.7547

Deuteranomaly

17.5797, 17.9243, 28.9188

Tritanomaly

16.0910, 18.1049, 26.3134

Monochromacy



Original Color

16.5146, 18.0908, 28.6081

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4287, 17.6514, 22.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5146, 18.0908, 28.6081 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(95, 121, 143) looks like.

```
.text, #text, p{  
    color:rgb(95, 121, 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(95, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 121, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.5146, 18.0908, 28.6081 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(95, 121, 143) }
```


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

```
.border{ border-color:rgb(95, 121, 143) }
```

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

Here you see how a box with a 4 pixel rgb(95, 121, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(95, 121,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5146, 18.0908, 28.6081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 121, 143) }
```

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

```
.background{ background-color: rgb(95, 121,  
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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