

Converting Colors

XYZ(16.6921, 18.2715, 27.5548)

Have a look what the booklet for
XYZ(16.6921, 18.2715, 27.5548)
contains.

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Color

**XYZ(16.6080, 18.1649,
27.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	62798C
RGB	98, 121, 140
RGB Percent	38%, 47%, 55%
CMY	0.6157, 0.5255, 0.4510
CMYK	0.30, 0.14, 0.00, 0.45
HSL	207°, 18%, 47%
HSV	207°, 30%, 55%
XYZ	16.6080, 18.1649, 27.4418
YIQ	116.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

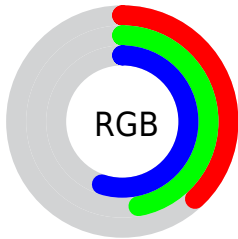
Format	Color
R _Y B	98, 113, 140
Decimal	6453644
CIE Lab	49.70, -3.64, -13.06
CIE LCh	50, 13.562, 254.433
Yxy	18.1649, 0.2669, 0.2920
Android (android.graphics.Color)	4284643724 (0xFF62798C)
YUV	116.2890, 11.6895, -16.0395
Hunter-Lab	42.6203, -5.0288, -8.3407

Details

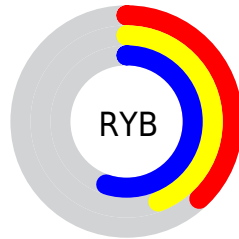
The XYZ color **16.6080, 18.1649, 27.4418** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3813, 19.1800, 14.2363**, and the grayscale version is **16.6592, 17.5267, 19.0866**.

A 20% lighter version of the original color is **37.2589, 40.2662, 56.8473**, and **5.5434, 6.1814, 10.5738** is the 20% darker color. If you saturate the color by 10%, you get **14.4831, 15.9646, 27.1294**, and if you desaturate by 10%, it is **19.0488, 20.6039, 27.7842**.

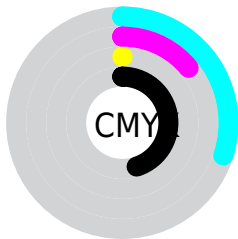
Distribution



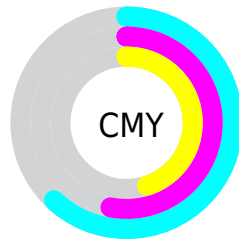
- Red (38%)
- Green (47%)
- Blue (55%)



- Red (38%)
- Yellow (44%)
- Blue (55%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6080, 18.1649, 27.4418 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 16.6080, 18.1649, 27.4418 by changing the saturation by 10% instead.

■ 16.6080, 18.1649,
27.4418

■ 16.6080, 18.1649,
27.4418

226.1037,
241.7989, 303.6175

■ 10.0490, 11.0684,
17.6699

■ 37.1995, 40.3181,
56.6043

■ 5.4940, 6.1129,
10.5463

■ 51.9628, 56.1437,
76.8321

■ 2.5776, 2.9138,
5.6523

■ 70.1914, 75.6477,
101.3822

■ 0.9346, 1.0869,
2.5695

■ 92.2509, 99.2146,
130.6733

■ 0.0000, 0.0000,
0.8767

118.5065,
127.2288, 165.1238

■ 0.0000, 0.0000,
0.0000

149.3236,

160.0746, 205.1523

185.0675,
198.1365, 251.1774

■ 16.6080, 18.1649,
27.4418

■ 16.6080, 18.1649,
27.4418

■ 14.4831, 15.9646,
27.1294

■ 19.0488, 20.6039,
27.7842

■ 12.6577, 13.9919,
26.8448

■ 21.8175, 23.2879,
28.1564

■ 11.1164, 12.2378,
26.5875

■ 24.9275, 26.2256,
28.5595

■ 9.8415, 10.6916,
26.3562

■ 28.3910, 29.4247,
28.9944

■ 8.8132, 9.3415,
26.1499

■ 32.2194, 32.8922,
29.4619

■ 8.0085, 8.1742,
25.9669

■ 36.4238, 36.6351,
29.9628

■ 7.3647, 7.1555,
25.8043

■ 41.0145, 40.6601,
30.4977

■ 7.3647, 7.1554,
25.8042

■ 46.0017, 44.9735,
31.0675

■ 51.3951, 49.5814,
31.6726

Harmonies

Analogous

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



15.5538, 18.1649, 25.1805



16.6080, 18.1649, 27.4418



17.8909, 18.1649, 27.4871

Triad

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



16.6080, 18.1649, 27.4418



19.7806, 18.1649, 18.0601



15.5862, 18.1649, 15.1269

Complementary

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



16.6080, 18.1649, 27.4418



19.3813, 19.1800, 14.2363

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.



16.6543, 18.1649, 13.6654



16.6080, 18.1649, 27.4418



19.0978, 18.1649, 15.2102

Square

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



16.6080, 18.1649, 27.4418



19.7667, 18.1649, 21.7470



17.9395, 18.1649, 13.6938



14.9841, 18.1649, 17.9325

Rectangle

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



16.6080, 18.1649, 27.4418



18.7061, 18.1649, 26.2357



17.9395, 18.1649, 13.6938



15.9002, 18.1649, 14.4786

Sweetspot

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



16.6086, 18.1656, 27.4422



38.8860, 41.4597, 49.6960



17.6205, 22.6352, 20.2395



8.8039, 9.4038, 11.4305



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.6086, 18.1656, 27.4422



26.6891, 29.3586, 48.0031



14.3378, 13.6241, 26.6853



4.9867, 5.3164, 6.3692



6.5636, 6.3976, 22.9346



0.0583, 0.0718, 0.1572

Inverse Universe

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



18.6346, 15.6917, 20.1367



30.9305, 24.5439, 32.6274



22.0943, 24.6059, 15.1406



5.1399, 5.0914, 5.8253



10.7998, 5.4300, 6.7161



0.0791, 0.0390, 0.0836

Previews

White Background



This preview shows how the XYZ color 16.6080, 18.1649, 27.4418 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 16.6080, 18.1649, 27.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

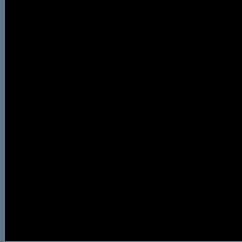
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

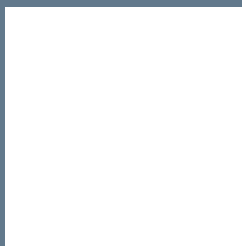
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6080, 18.1649, 27.4418

Background



This preview shows how black text looks on a background with the XYZ color 16.6080, 18.1649, 27.4418.

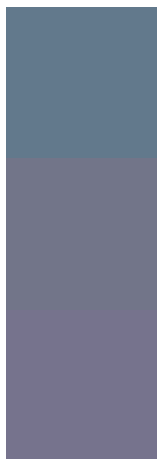


This preview shows how white text looks on a background with the XYZ color 16.6080, 18.1649,

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

16.6080, 18.1649, 27.4418

Protanopia

17.8161, 18.1061, 26.2227

Deuteranopia

18.4097, 18.0361, 27.7103



Tritanopia

15.9483, 18.0718, 24.4774

Trichromacy



Original Color

16.6080, 18.1649, 27.4418

Protanomaly

17.2502, 17.9800, 26.6061

Deuteranomaly

17.7246, 18.0252, 27.7443

Tritanomaly

16.2625, 18.2097, 25.5794

Monochromacy



Original Color

16.6080, 18.1649, 27.4418

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4868, 17.6887, 21.9474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6080, 18.1649, 27.4418 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(98, 121, 140) looks like.

```
.text, #text, p{  
    color:rgb(98, 121, 140)  
}
```

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(98, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 121, 140) }
```

Border

The CSS property to change the border of an element to XYZ 16.6080, 18.1649, 27.4418 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(98, 121, 140) }
```


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

```
.border{ border-color:rgb(98, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(98, 121,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6080, 18.1649, 27.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 121, 140) }
```

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

```
.background{ background-color: rgb(98, 121,  
140) }
```

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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