

Converting Colors

XYZ(16.4267, 18.0128, 21.5445)

Have a look what the booklet for
XYZ(16.4267, 18.0128, 21.5445)
contains.

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Color

**XYZ(16.4180, 18.0140,
21.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	6B787C
RGB	107, 120, 124
RGB Percent	42%, 47%, 49%
CMY	0.5804, 0.5294, 0.5137
CMYK	0.14, 0.03, 0.00, 0.51
HSL	194°, 7%, 45%
HSV	194°, 14%, 49%
XYZ	16.4180, 18.0140, 21.6805
YIQ	116.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

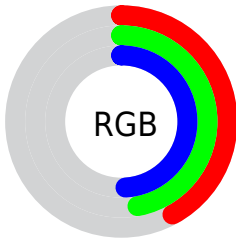
Format	Color
RYB	107, 114, 124
Decimal	7043196
CIELab	49.51, -3.92, -3.83
CIELCh	50, 5.486, 224.347
Yxy	18.0140, 0.2926, 0.3210
Android (android.graphics.Color)	4285233276 (0xFF6B787C)
YUV	116.5690, 3.6635, -8.3920
Hunter-Lab	42.4429, -5.2267, -0.5762

Details

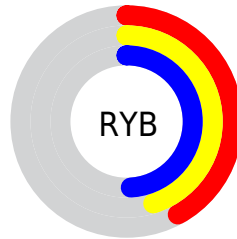
The XYZ color **16.4180, 18.0140, 21.6805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6506, 16.7155, 16.2592**, and the grayscale version is **16.7668, 17.6400, 19.2100**.

A 20% lighter version of the original color is **36.6895, 39.9087, 46.8437**, and **5.3910, 6.0725, 7.5446** is the 20% darker color. If you saturate the color by 10%, you get **14.6875, 16.6096, 21.5009**, and if you desaturate by 10%, it is **18.3741, 19.5515, 21.8745**.

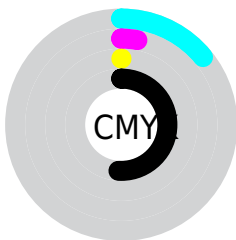
Distribution



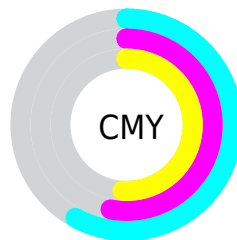
- Red (42%)
- Green (47%)
- Blue (49%)



- Red (42%)
- Yellow (45%)
- Blue (49%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4180, 18.0140, 21.6805 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 16.4180, 18.0140, 21.6805 by changing the saturation by 10% instead.

■ 16.4180, 18.0140,
21.6805

■ 16.4180, 18.0140,
21.6805

225.0180,
240.9499, 273.7721

■ 9.9131, 10.9600,
13.4263

■ 36.8740, 40.0612,
47.1128

■ 5.4032, 6.0400,
7.5886

■ 51.5558, 55.8232,
65.1279

■ 2.5229, 2.8694,
3.7488

■ 69.6940, 75.2567,
87.2337

■ 0.9068, 1.0639,
1.4886

■ 91.6539, 98.7460,
113.8487

■ 0.0000, 0.0000,
0.2094

117.8009,
126.6756, 145.3915

■ 0.0000, 0.0000,
0.0000

148.5004,

159.4299, 182.2807

184.1176,
197.3932, 224.9347

■ 16.4180, 18.0140,
21.6805

■ 16.4180, 18.0140,
21.6805

■ 14.6875, 16.6096,
21.5009

■ 18.3741, 19.5515,
21.8745

■ 13.1719, 15.3312,
21.3340

■ 20.5627, 21.2245,
22.0820

■ 11.8618, 14.1743,
21.1798

■ 22.9926, 23.0380,
22.3040

■ 10.7466, 13.1334,
21.0376

■ 25.6715, 24.9961,
22.5407

■ 9.8149, 12.2023,
20.9070

■ 28.6069, 27.1027,
22.7927

■ 9.0538, 11.3743,
20.7873

■ 31.8056, 29.3618,
23.0601

■ 8.4485, 10.6416,
20.6778

■ 35.2747, 31.7768,
23.3434

■ 7.9802, 9.9944,
20.5776

■ 39.0205, 34.3513,
23.6429

■ 7.7157, 9.6104,
20.5174

■ 43.0495, 37.0887,
23.9589

Harmonies

Analogous

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



16.1730, 18.0140, 20.3309



16.4180, 18.0140, 21.6805



16.8539, 18.0140, 22.4969

Triad

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



16.4180, 18.0140, 21.6805



18.1008, 18.0140, 20.3955



16.8757, 18.0140, 16.9736

Complementary

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



16.4180, 18.0140, 21.6805



16.6506, 16.7155, 16.2592

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.



17.3924, 18.0140, 16.9889



16.4180, 18.0140, 21.6805



18.1069, 18.0140, 18.9145

Square

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



16.4180, 18.0140, 21.6805



17.8288, 18.0140, 21.7298



17.8454, 18.0140, 17.6835



16.4336, 18.0140, 17.6406

Rectangle

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



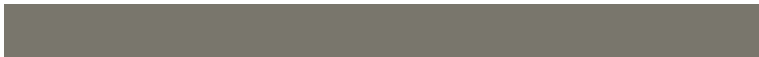
16.4180, 18.0140, 21.6805



17.1975, 18.0140, 22.6042



17.8454, 18.0140, 17.6835



17.0462, 18.0140, 16.9002

Sweetspot

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



16.4185, 18.0148, 21.6809



32.1933, 34.2969, 38.4798



16.1388, 18.6884, 17.7863



7.5263, 8.0342, 9.0571



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.4185, 18.0148, 21.6809



28.0408, 31.0186, 38.0659



15.4447, 16.0671, 21.3563



4.0310, 4.3603, 5.0723



7.8416, 9.7656, 20.8570



36.7289, 45.2305, 99.2643

Inverse Universe

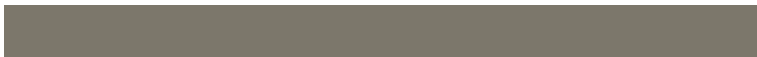
The Inverse Universe completely reimagines the original color for something new.



16.9605, 16.1570, 19.9949



29.1672, 27.2069, 34.5508



17.6188, 18.6520, 16.5819



4.1161, 4.0622, 4.8090



10.5414, 5.1927, 11.4078



49.9422, 24.6332, 52.6192

Previews

White Background



This preview shows how the XYZ color 16.4180, 18.0140, 21.6805 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 16.4180, 18.0140, 21.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

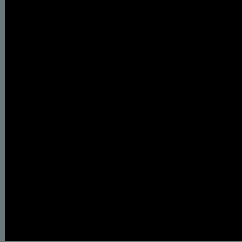
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

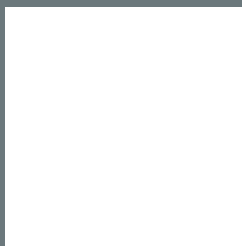
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4180, 18.0140, 21.6805

Background



This preview shows how black text looks on a background with the XYZ color 16.4180, 18.0140, 21.6805.



This preview shows how white text looks on a background with the XYZ color 16.4180, 18.0140,

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

16.4180, 18.0140, 21.6805

Protanopia

17.3454, 17.9793, 20.9685

Deuteranopia

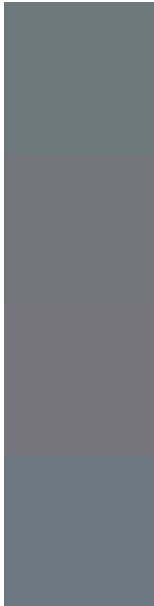
18.1764, 17.8753, 21.8943



Tritanopia

16.7436, 17.9668, 23.3543

Trichromacy



Original Color

16.4180, 18.0140, 21.6805

Protanomaly

16.9930, 17.9643, 21.3107

Deuteranomaly

17.4183, 17.8230, 21.9242

Tritanomaly

16.6119, 17.9141, 22.6609

Monochromacy



Original Color

16.4180, 18.0140, 21.6805

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6787, 17.8236, 20.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4180, 18.0140, 21.6805 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(107, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 124)  
}
```

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(107, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.4180, 18.0140, 21.6805 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(107, 120, 124) }
```


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

```
.border{ border-color:rgb(107, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4180, 18.0140, 21.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 124) }
```

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

```
.background{ background-color: rgb(107,  
120, 124) }
```

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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