

Converting Colors

XYZ(16.8002, 18.1362, 21.6272)

Have a look what the booklet for
XYZ(16.8002, 18.1362, 21.6272)
contains.

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Color

**XYZ(16.9101, 18.2677,
21.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	6F787C
RGB	111, 120, 124
RGB Percent	44%, 47%, 49%
CMY	0.5647, 0.5294, 0.5137
CMYK	0.10, 0.03, 0.00, 0.51
HSL	198°, 6%, 46%
HSV	198°, 10%, 49%
XYZ	16.9101, 18.2677, 21.7035
YIQ	117.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

Format	Color
R_{YB}	111, 116, 124
Decimal	7305340
CIE _{Lab}	49.82, -2.49, -3.35
CIE _{LCh}	50, 4.171, 233.386
Yxy	18.2677, 0.2973, 0.3212
Android (android.graphics.Color)	4285495420 (0xFF6F787C)
YUV	117.7650, 3.0739, -5.9329
Hunter-Lab	42.7407, -4.1739, -0.1886

Details

The XYZ color **16.9101, 18.2677, 21.7035** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3122, 17.6941, 17.5421**, and the grayscale version is **17.1390, 18.0316, 19.6364**.

A 20% lighter version of the original color is **37.6933, 40.4262, 46.8907**, and **5.6373, 6.1995, 7.5561** is the 20% darker color. If you saturate the color by 10%, you get **15.0075, 16.6200, 21.4860**, and if you desaturate by 10%, it is **19.0487, 20.0652, 21.9380**.

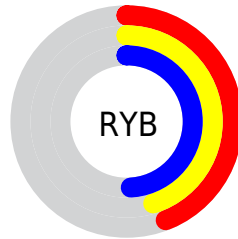
Distribution



Red (44%)

Green (47%)

Blue (49%)



Red (44%)

Yellow (45%)

Blue (49%)

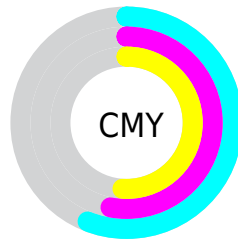


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9101, 18.2677, 21.7035 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 16.9101, 18.2677, 21.7035 by changing the saturation by 10% instead.

■ 16.9101, 18.2677,
21.7035

■ 16.9101, 18.2677,
21.7035

227.8201,
242.3756, 273.8968

■ 10.2653, 11.1424,
13.4430

■ 37.7160, 40.4930,
47.1513

■ 5.6388, 6.1627,
7.6000

■ 52.6078, 56.3616,
65.1757

■ 2.6653, 2.9442,
3.7560

■ 70.9793, 75.9136,
87.2918

■ 0.9793, 1.1027,
1.4925

■ 93.1959, 99.5331,
113.9182

■ 0.0000, 0.0000,
0.2123

119.6229,
127.6047, 145.4733

■ 0.0000, 0.0000,
0.0000

150.6257,

160.5128, 182.3757

186.5697,
198.6416, 225.0440

■ 16.9101, 18.2677,
21.7035

■ 16.9101, 18.2677,
21.7035

■ 15.0075, 16.6200,
21.4860

■ 19.0487, 20.0652,
21.9380

■ 13.3302, 15.1147,
21.2839

■ 21.4302, 22.0148,
22.1888

■ 11.8690, 13.7474,
21.0970

■ 24.0633, 24.1218,
22.4567

■ 10.6134, 12.5122,
20.9247

■ 26.9557, 26.3906,
22.7422

■ 9.5522, 11.4031,
20.7666

■ 30.1148, 28.8252,
23.0456

■ 8.6728, 10.4132,
20.6219

■ 33.5477, 31.4295,
23.3674

■ 7.9611, 9.5350,
20.4899

■ 37.2612, 34.2074,
23.7078

■ 7.4007, 8.7595,
20.3697

■ 41.2619, 37.1624,
24.0674

■ 6.9553, 8.0895,
20.2639

■ 45.5561, 40.2983,
24.4463

Harmonies

Analogous

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



16.6694, 18.2677, 20.7738



16.9101, 18.2677, 21.7035



17.2748, 18.2677, 22.1498

Triad

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



16.9101, 18.2677, 21.7035



18.1349, 18.2677, 20.1441



17.0607, 18.2677, 17.9443

Complementary

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



16.9101, 18.2677, 21.7035



17.3122, 17.6941, 17.5421

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.



17.4513, 18.2677, 17.7902



16.9101, 18.2677, 21.7035



18.0754, 18.2677, 19.0324

Square

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



16.9101, 18.2677, 21.7035



17.9849, 18.2677, 21.2275



17.8237, 18.2677, 18.1812



16.7554, 18.2677, 18.6107

Rectangle

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



16.9101, 18.2677, 21.7035



17.5408, 18.2677, 22.1015



17.8237, 18.2677, 18.1812



17.1862, 18.2677, 17.8320

Sweetspot

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



16.9106, 18.2685, 21.7039



32.5067, 34.4659, 38.4959



16.8522, 19.0306, 18.9748



7.5898, 8.0621, 9.0592



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.



16.9106, 18.2685, 21.7039



28.7711, 31.3023, 38.0822



16.1662, 16.7796, 21.4558



4.0080, 4.3143, 5.0647



7.0682, 8.2189, 20.5992



32.9358, 37.6442, 97.9999

Inverse Universe

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



17.3872, 17.0104, 20.1371



29.8230, 28.5691, 34.6138



18.0678, 19.2052, 17.7939



4.1045, 4.0575, 4.7479



10.1511, 5.0366, 9.3523



48.0276, 23.8674, 42.5369

Previews

White Background



This preview shows how the XYZ color 16.9101, 18.2677, 21.7035 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 16.9101, 18.2677, 21.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

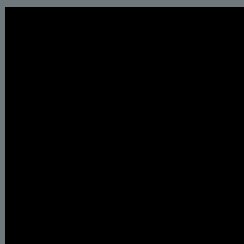
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9101, 18.2677, 21.7035

Background



This preview shows how black text looks on a background with the XYZ color 16.9101, 18.2677, 21.7035.

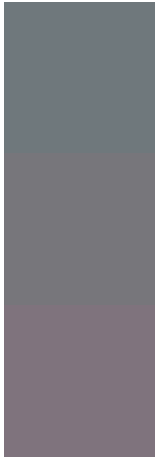


This preview shows how white text looks on a background with the XYZ color 16.9101, 18.2677,

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

16.9101, 18.2677, 21.7035

Protanopia

17.6613, 18.3089, 21.3420

Deuteranopia

18.5848, 18.2542, 21.9459



Tritanopia

17.2414, 18.2234, 23.3776

Trichromacy



Original Color

16.9101, 18.2677, 21.7035

Protanomaly

17.3744, 18.3367, 21.3625

Deuteranomaly

17.9481, 18.2682, 21.9822

Tritanomaly

17.1097, 18.1707, 22.6842

Monochromacy



Original Color

16.9101, 18.2677, 21.7035

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0572, 18.1946, 20.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9101, 18.2677, 21.7035 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(111, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 120, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.9101, 18.2677, 21.7035 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(111, 120, 124) }
```


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

```
.border{ border-color:rgb(111, 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(111, 120, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(111, 120,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9101, 18.2677, 21.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 120, 124) }
```

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

```
.background{ background-color: rgb(111,  
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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