

Converting Colors

XYZ(18.1091, 18.1508, 29.6261)

Have a look what the booklet for
XYZ(18.1091, 18.1508, 29.6261)
contains.

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Color

**XYZ(18.1051, 18.1774,
29.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7592
RGB	111, 117, 146
RGB Percent	44%, 46%, 57%
CMY	0.5647, 0.5412, 0.4274
CMYK	0.24, 0.20, 0.00, 0.43
HSL	230°, 14%, 50%
HSV	230°, 24%, 57%
XYZ	18.1051, 18.1774, 29.7485
YIQ	118.5120, -12.8850, 7.7470

Conversions

Conversions Part 2

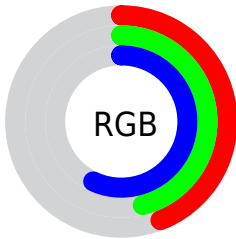
Format	Color
R_{YB}	111, 116, 146
Decimal	7304594
CIE _{Lab}	49.71, 4.45, -16.48
CIE _{LCh}	50, 17.074, 285.122
Yxy	18.1774, 0.2742, 0.2753
Android (android.graphics.Color)	4285494674 (0xFF6F7592)
YUV	118.5120, 13.5516, -6.5880
Hunter-Lab	42.6350, 1.1895, -11.5251

Details

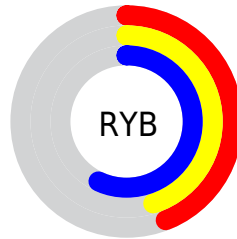
The XYZ color **18.1051, 18.1774, 29.7485** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.1015, 26.0148, 18.7904**, and the grayscale version is **17.3426, 18.2458, 19.8697**.

A 20% lighter version of the original color is **39.7176, 40.3326, 60.3352**, and **6.1803, 6.1066, 11.6794** is the 20% darker color. If you saturate the color by 10%, you get **15.0966, 14.6680, 29.2300**, and if you desaturate by 10%, it is **21.5972, 22.2074, 30.3426**.

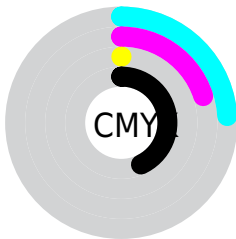
Distribution



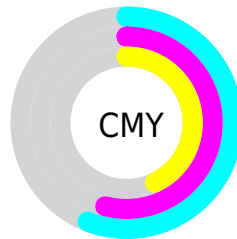
- Red (44%)
- Green (46%)
- Blue (57%)



- Red (44%)
- Yellow (45%)
- Blue (57%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1051, 18.1774, 29.7485 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 18.1051, 18.1774, 29.7485 by changing the saturation by 10% instead.

■ 18.1051, 18.1774,
29.7485

■ 18.1051, 18.1774,
29.7485

234.4969,
241.8691, 314.9011

■ 11.1256, 11.0774,
19.3973

■ 39.7450, 40.3394,
60.3205

■ 6.2193, 6.1189,
11.7780

■ 55.1361, 56.1702,
81.3785

■ 3.0208, 2.9175,
6.4720

■ 74.0619, 75.6800,
106.8424

■ 1.1648, 1.0888,
3.0608

■ 96.8876, 99.2533,
137.1309

■ 0.0783, 0.0000,
1.1257

123.9786,
127.2745, 172.6625

■ 0.0000, 0.0000,
0.0000

155.7002,

160.1279, 213.8557

192.4179,
198.1980, 261.1290

■ 18.1051, 18.1774,
29.7485

■ 18.1051, 18.1774,
29.7485

■ 15.0966, 14.6680,
29.2300

■ 21.5972, 22.2074,
30.3426

■ 12.5484, 11.6556,
28.7828

■ 25.5914, 26.7759,
31.0139

■ 10.4380, 9.1180,
28.4043

■ 30.1071, 31.9026,
31.7655

■ 8.7403, 7.0306,
28.0908

■ 35.1623, 37.6057,
32.5998

■ 7.4272, 5.3664,
27.8388

■ 40.7742, 43.9024,
33.5194

■ 6.4675, 4.0953,
27.6441

■ 46.9592, 50.8093,
34.5266

■ 5.8239, 3.1828,
27.5018

■ 53.7328, 58.3423,
35.6236

■ 5.5367, 2.7721,
27.4377

■ 61.1103, 66.5166,
36.8126

■ 69.1061, 75.3471,
38.0956

Harmonies

Analogous

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



16.4872, 18.1774, 29.7615



18.1051, 18.1774, 29.7485



19.5871, 18.1774, 26.8013

Triad

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



18.1051, 18.1774, 29.7485



19.5769, 18.1774, 14.1041



14.4298, 18.1774, 17.5823

Complementary

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



18.1051, 18.1774, 29.7485



24.1015, 26.0148, 18.7904

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.



15.1562, 18.1774, 14.1257



18.1051, 18.1774, 29.7485



18.0918, 18.1774, 12.3421

Square

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



18.1051, 18.1774, 29.7485



20.4724, 18.1774, 17.5482



16.4747, 18.1774, 12.3494



14.4329, 18.1774, 22.2196

Rectangle

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



18.1051, 18.1774, 29.7485



20.2695, 18.1774, 23.8003



16.4747, 18.1774, 12.3494



14.5946, 18.1774, 16.2613

Sweetspot

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



18.1057, 18.1781, 29.7489



42.8143, 44.5757, 54.3210



21.5377, 25.8188, 28.4989



9.4458, 9.8264, 12.0711



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.



18.1057, 18.1781, 29.7489



28.8573, 28.4808, 51.9500



18.9110, 17.5883, 29.5926



5.5751, 5.7842, 7.2924



4.8844, 2.4637, 24.1491



0.0749, 0.0603, 0.3006

Inverse Universe

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



20.7498, 18.7646, 19.3587



34.4191, 29.8184, 30.0714



23.1267, 26.8498, 19.0029



5.8390, 5.8307, 6.2582



10.5925, 5.4421, 1.3352



0.1373, 0.0697, 0.0564

Previews

White Background



This preview shows how the XYZ color 18.1051, 18.1774, 29.7485 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 18.1051, 18.1774, 29.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

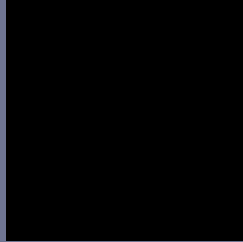
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.1051, 18.1774, 29.7485

Background



This preview shows how black text looks on a background with the XYZ color 18.1051, 18.1774, 29.7485.



This preview shows how white text looks on a background with the XYZ color 18.1051, 18.1774,

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

18.1051, 18.1774, 29.7485

Protanopia

18.1051, 18.1774, 29.7485

Deuteranopia

18.5039, 18.2109, 29.7339



Tritanopia

16.8633, 18.2061, 23.3942

Trichromacy



Original Color

18.1051, 18.1774, 29.7485

Protanomaly

18.1051, 18.1774, 29.7485

Deuteranomaly

18.3731, 18.1435, 29.7278

Tritanomaly

17.2767, 18.1941, 25.5229

Monochromacy



Original Color

18.1051, 18.1774, 29.7485

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6433, 18.2548, 23.3625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1051, 18.1774, 29.7485 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, 117, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 146)  
}
```

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, 117, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.1051, 18.1774, 29.7485 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, 117, 146) }
```


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

```
.border{ border-color:rgb(111, 117, 146) }
```

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

Here you see how a box with a 4 pixel rgb(111, 117, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1051, 18.1774, 29.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 146) }
```

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

```
.background{ background-color: rgb(111,  
117, 146) }
```

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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