

Converting Colors

XYZ(18.2044, 18.5427, 25.3387)

Have a look what the booklet for
XYZ(18.2044, 18.5427, 25.3387)
contains.

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Color

**XYZ(18.1176, 18.4600,
25.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	757686
RGB	117, 118, 134
RGB Percent	46%, 46%, 53%
CMY	0.5412, 0.5372, 0.4745
CMYK	0.13, 0.12, 0.00, 0.47
HSL	236°, 7%, 49%
HSV	236°, 13%, 53%
XYZ	18.1176, 18.4600, 25.1625
YIQ	119.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

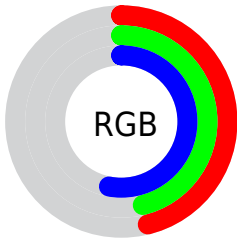
Format	Color
R _Y B	117, 118, 134
Decimal	7698054
CIE Lab	50.05, 3.06, -8.85
CIE LCh	50, 9.369, 289.066
Yxy	18.4600, 0.2934, 0.2990
Android (android.graphics.Color)	4285888134 (0xFF757686)
YUV	119.5250, 7.1362, -2.2144
Hunter-Lab	42.9651, 0.0813, -4.6476

Details

The XYZ color **18.1176, 18.4600, 25.1625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4300, 23.1275, 20.1645**, and the grayscale version is **17.6809, 18.6017, 20.2572**.

A 20% lighter version of the original color is **39.7066, 40.7723, 52.7908**, and **6.2446, 6.2856, 9.2716** is the 20% darker color. If you saturate the color by 10%, you get **15.0575, 14.8238, 24.6222**, and if you desaturate by 10%, it is **21.6351, 22.6277, 25.7819**.

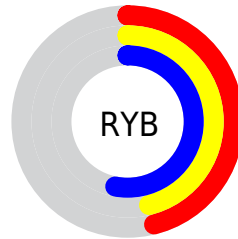
Distribution



Red (46%)

Green (46%)

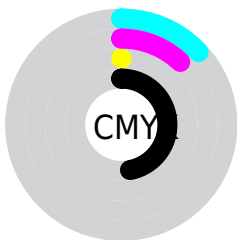
Blue (53%)



Red (46%)

Yellow (46%)

Blue (53%)

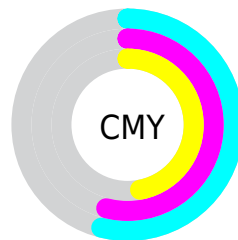


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1176, 18.4600, 25.1625 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 18.1176, 18.4600, 25.1625 by changing the saturation by 10% instead.

■ 18.1176, 18.4600,
25.1625

■ 18.1176, 18.4600,
25.1625

234.5658,
243.4512, 292.1198

■ 11.1347, 11.2807,
15.9780

■ 39.7661, 40.8196,
52.8881

■ 6.2254, 6.2560,
9.3544

■ 55.1624, 56.7688,
72.2663

■ 3.0246, 3.0014,
4.8731

■ 74.0938, 76.4100,
95.8796

■ 1.1668, 1.1324,
2.1156

96.9258, 100.1277,
124.1464

■ 0.0799, 0.0055,
0.6250

124.0236,
128.3063, 157.4852

■ 0.0000, 0.0000,
0.0000

155.7527,

161.3301, 196.3147

192.4783,
199.5836, 241.0534

■ 18.1176, 18.4600,
25.1625

■ 18.1176, 18.4600,
25.1625

■ 15.0575, 14.8238,
24.6222

■ 21.6351, 22.6277,
25.7819

■ 12.4344, 11.6955,
24.1567

■ 25.6261, 27.3448,
26.4820

■ 10.2289, 9.0533,
23.7629

■ 30.1077, 32.6308,
27.2661

■ 8.4194, 6.8727,
23.4374

■ 35.0958, 38.5041,
28.1368

■ 6.9824, 5.1271,
23.1762

■ 40.6056, 44.9817,
29.0968

■ 5.8919, 3.7874,
22.9751

■ 46.6517, 52.0804,
30.1483

■ 5.1186, 2.8207,
22.8292

■ 53.2479, 59.8161,
31.2938

■ 4.6281, 2.1891,
22.7332

■ 60.4078, 68.2042,
32.5354

■ 4.3889, 1.8927,
22.6886

■ 68.1444, 77.2594,
33.8755

Harmonies

Analogous

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



17.2192, 18.4600, 25.3746



18.1176, 18.4600, 25.1625



18.8871, 18.4600, 23.5284

Triad

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



18.1176, 18.4600, 25.1625



18.7052, 18.4600, 16.5802



15.8993, 18.4600, 19.1734

Complementary

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



18.1176, 18.4600, 25.1625



21.4300, 23.1275, 20.1645

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.



16.2693, 18.4600, 17.0216



18.1176, 18.4600, 25.1625



17.8763, 18.4600, 15.6119

Square

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



18.1176, 18.4600, 25.1625



19.2343, 18.4600, 18.5225



16.9859, 18.4600, 15.7663



15.9589, 18.4600, 21.7642

Rectangle

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



18.1176, 18.4600, 25.1625



19.2137, 18.4600, 21.9249



16.9859, 18.4600, 15.7663



15.9771, 18.4600, 18.3789

Sweetspot

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



18.1182, 18.4608, 25.1629



37.2004, 38.7807, 45.2632



20.0859, 22.5222, 25.4309



8.2839, 8.6221, 10.1803



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.1182, 18.4608, 25.1629



30.4195, 30.7423, 44.0690



19.0299, 18.7566, 25.1720



4.4549, 4.5854, 5.8510



4.1158, 1.7794, 21.2632



0.0156, 0.0089, 0.0741

Inverse Universe

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



19.4632, 19.0993, 19.8011



33.2353, 32.0863, 32.8431



20.4342, 22.8188, 20.1574



4.6829, 4.6928, 4.9424



9.2556, 4.7666, 0.6523



0.0327, 0.0168, 0.0058

Previews

White Background



This preview shows how the XYZ color 18.1176, 18.4600, 25.1625 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1176, 18.4600, 25.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

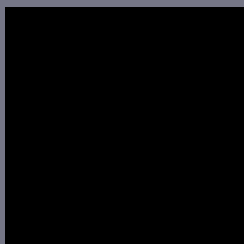
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

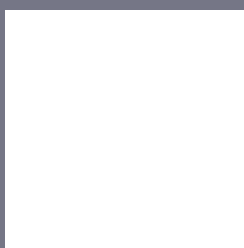
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1176, 18.4600, 25.1625

Background



This preview shows how black text looks on a background with the XYZ color 18.1176, 18.4600, 25.1625.



This preview shows how white text looks on a background with the XYZ color 18.1176, 18.4600,

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

18.1176, 18.4600, 25.1625

Protanopia

18.1176, 18.4600, 25.1625

Deuteranopia

18.7168, 18.4230, 25.1238



Tritanopia

17.6956, 18.4652, 23.0536

Trichromacy



Original Color

18.1176, 18.4600, 25.1625

Protanomaly

18.1176, 18.4600, 25.1625

Deuteranomaly

18.5495, 18.5088, 25.1491

Tritanomaly

17.8285, 18.5184, 23.7538

Monochromacy



Original Color

18.1176, 18.4600, 25.1625

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9062, 18.5963, 22.0477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1176, 18.4600, 25.1625 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(117, 118, 134)` looks like.

```
.text, #text, p{  
    color:rgb(117, 118, 134)  
}
```

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(117, 118, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 118, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.1176, 18.4600, 25.1625 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(117, 118, 134) }
```


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

```
.border{ border-color:rgb(117, 118, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 118, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 118, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 118, 134);  
box-shadow:4px 4px 4px 4px rgb(117, 118,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1176, 18.4600, 25.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 118, 134) }
```

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

```
.background{ background-color: rgb(117,  
118, 134) }
```

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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