

Converting Colors

XYZ(18.4312, 18.5545, 28.2014)

Have a look what the booklet for
XYZ(18.4312, 18.5545, 28.2014)
contains.

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Color

**XYZ(18.4311, 18.5547,
28.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	73768E
RGB	115, 118, 142
RGB Percent	45%, 46%, 56%
CMY	0.5490, 0.5372, 0.4431
CMYK	0.19, 0.17, 0.00, 0.44
HSL	233°, 11%, 50%
HSV	233°, 19%, 56%
XYZ	18.4311, 18.5547, 28.2012
YIQ	119.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

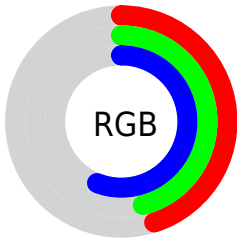
Format	Color
R _Y B	115, 118, 142
Decimal	7566990
CIE Lab	50.16, 4.22, -13.41
CIE LCh	50, 14.064, 287.481
Yxy	18.5547, 0.2827, 0.2846
Android (android.graphics.Color)	4285757070 (0xFF73768E)
YUV	119.8390, 10.9254, -4.2438
Hunter-Lab	43.0752, 0.9954, -8.6644

Details

The XYZ color **18.4311, 18.5547, 28.2012** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.4825, 25.4536, 19.8953**, and the grayscale version is **17.7700, 18.6954, 20.3593**.

A 20% lighter version of the original color is **40.2749, 40.9505, 58.0061**, and **6.3687, 6.3113, 11.0077** is the 20% darker color. If you saturate the color by 10%, you get **15.3176, 14.8893, 27.6581**, and if you desaturate by 10%, it is **22.0323, 22.7677, 28.8249**.

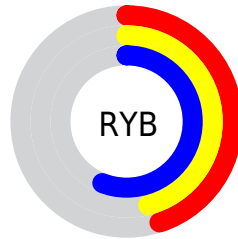
Distribution



Red (45%)

Green (46%)

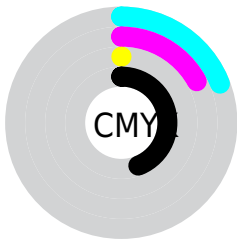
Blue (56%)



Red (45%)

Yellow (46%)

Blue (56%)

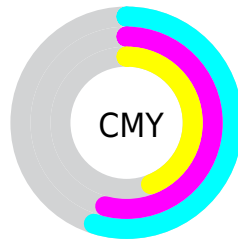


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4311, 18.5547, 28.2012 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 18.4311, 18.5547, 28.2012 by changing the saturation by 10% instead.

■ 18.4311, 18.5547,
28.2012

■ 18.4311, 18.5547,
28.2012

236.2887,
243.9793, 307.3692

■ 11.3615, 11.3490,
18.2370

■ 40.2949, 40.9803,
57.8325

■ 6.3796, 6.3021,
10.9491

■ 55.8198, 56.9689,
78.3366

■ 3.1201, 3.0296,
5.9189

■ 74.8939, 76.6540,
103.1912

■ 1.2176, 1.1472,
2.7278

■ 97.8824, 100.4198,
132.8148

■ 0.1202, 0.0179,
0.9574

125.1508,
128.6509, 167.6258

■ 0.0000, 0.0000,
0.0000

157.0644,

161.7316, 208.0428

193.9886,
200.0462, 254.4845

■ 18.4311, 18.5547,
28.2012

■ 18.4311, 18.5547,
28.2012

■ 15.3176, 14.8893,
27.6581

■ 22.0323, 22.7677,
28.8249

■ 12.6692, 11.7468,
27.1911

■ 26.1392, 27.5472,
29.5310

■ 10.4639, 9.1039,
26.7972

■ 30.7709, 32.9140,
30.3227

■ 8.6772, 6.9347,
26.4727

■ 35.9451, 38.8870,
31.2029

■ 7.2825, 5.2110,
26.2135

■ 41.6787, 45.4845,
32.1742

■ 6.2499, 3.9016,
26.0152

■ 47.9877, 52.7239,
33.2390

■ 5.5450, 2.9708,
25.8727

■ 54.8876, 60.6219,
34.3998

■ 5.1010, 2.3640,
25.7789

■ 62.3932, 69.1946,
35.6589

■ 5.0647, 2.3173,
25.7719

■ 70.5189, 78.4577,
37.0186

Harmonies

Analogous

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



17.0761, 18.5547, 28.4108



18.4311, 18.5547, 28.2012



19.6295, 18.5547, 25.6855

Triad

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



18.4311, 18.5547, 28.2012



19.4585, 18.5547, 15.1807



15.2092, 18.5547, 18.6260

Complementary

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



18.4311, 18.5547, 28.2012



23.4825, 25.4536, 19.8953

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.



15.7817, 18.5547, 15.5619



18.4311, 18.5547, 28.2012



18.2073, 18.5547, 13.7509

Square

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



18.4311, 18.5547, 28.2012



20.2432, 18.5547, 18.0404



16.8635, 18.5547, 13.8809



15.2623, 18.5547, 22.5317

Rectangle

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



18.4311, 18.5547, 28.2012



20.1573, 18.5547, 23.2021



16.8635, 18.5547, 13.8809



15.3336, 18.5547, 17.4740

Sweetspot

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



18.4317, 18.5555, 28.2016



40.8507, 42.4791, 51.1741



21.3928, 24.8509, 28.0382



9.0382, 9.3878, 11.4151



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.



18.4317, 18.5555, 28.2016



29.9469, 29.7177, 49.2856



19.5222, 18.6011, 28.1530



5.1749, 5.3456, 6.7878



4.5549, 2.0959, 23.1416



0.0511, 0.0352, 0.2238

Inverse Universe

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



20.5565, 19.3206, 19.7862



34.4448, 31.3781, 31.4626



22.2289, 25.4615, 19.9629



5.4318, 5.4332, 5.7716



10.1022, 5.1979, 0.9238



0.1004, 0.0512, 0.0290

Previews

White Background



This preview shows how the XYZ color 18.4311, 18.5547, 28.2012 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 18.4311, 18.5547, 28.2012 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

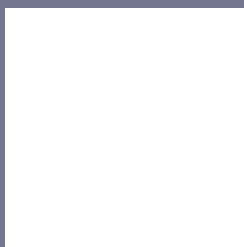
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4311, 18.5547, 28.2012

Background



This preview shows how black text looks on a background with the XYZ color 18.4311, 18.5547, 28.2012.



This preview shows how white text looks on a background with the XYZ color 18.4311, 18.5547,

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

18.4311, 18.5547, 28.2012

Protanopia

18.3003, 18.4873, 28.1951

Deuteranopia

18.9895, 18.6686, 28.1937



Tritanopia

17.5558, 18.5554, 23.7753

Trichromacy



Original Color

18.4311, 18.5547, 28.2012

Protanomaly

18.3003, 18.4873, 28.1951

Deuteranomaly

18.7150, 18.5271, 28.1809

Tritanomaly

17.8393, 18.4923, 25.1834

Monochromacy



Original Color

18.4311, 18.5547, 28.2012

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9643, 18.6037, 23.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4311, 18.5547, 28.2012 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(115, 118, 142)` looks like.

```
.text, #text, p{  
    color:rgb(115, 118, 142)  
}
```

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(115, 118, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 118, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.4311, 18.5547, 28.2012 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(115, 118, 142) }
```


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

```
.border{ border-color:rgb(115, 118, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 118, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 118, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 118, 142);  
box-shadow:4px 4px 4px 4px rgb(115, 118,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4311, 18.5547, 28.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 118, 142) }
```

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

```
.background{ background-color: rgb(115,  
118, 142) }
```

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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