

Converting Colors

XYZ(17.9297, 11.6066, 5.5632)

Have a look what the booklet for
XYZ(17.9297, 11.6066, 5.5632)
contains.

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Color

**XYZ(18.0014, 11.6631,
5.5774)**

Conversions

Conversions Part 1

Format	Color
Hex	A53D3C
RGB	165, 61, 60
RGB Percent	65%, 24%, 24%
CMY	0.3529, 0.7608, 0.7647
CMYK	0.00, 0.63, 0.64, 0.35
HSL	1°, 47%, 44%
HSV	1°, 64%, 65%
XYZ	18.0014, 11.6631, 5.5774
YIQ	91.9820, 62.3050, 21.7370

Conversions

Conversions Part 2

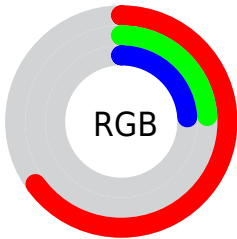
Format	Color
RYB	165, 61, 60
Decimal	10829116
CIELab	40.68, 42.85, 23.44
CIELCh	41, 48.840, 28.680
Yxy	11.6631, 0.5108, 0.3309
Android (android.graphics.Color)	4289019196 (0xFFA53D3C)
YUV	91.9820, -15.7671, 64.0368
Hunter-Lab	34.1513, 34.3240, 14.2230

Details

The XYZ color **18.0014, 11.6631, 5.5774** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.9292, 30.2257, 40.2754**, and the grayscale version is **10.1942, 10.7251, 11.6796**.

A 20% lighter version of the original color is **39.6103, 28.8793, 17.3965**, and **6.1726, 3.1695, 0.8587** is the 20% darker color. If you saturate the color by 10%, you get **16.8879, 10.0287, 3.3796**, and if you desaturate by 10%, it is **19.5173, 13.8848, 8.5804**.

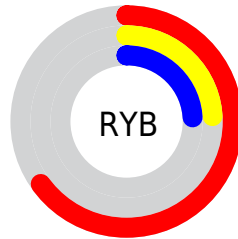
Distribution



Red (65%)

Green (24%)

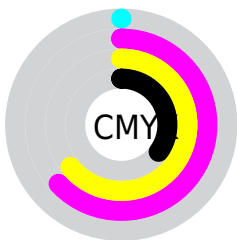
Blue (24%)



Red (65%)

Yellow (24%)

Blue (24%)

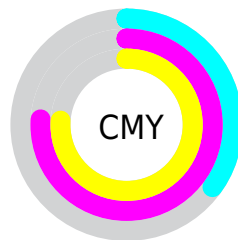


Cyan (0%)

Magenta (63%)

Yellow (64%)

Black (35%)



Cyan (35%)

Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0014, 11.6631, 5.5774 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 18.0014, 11.6631, 5.5774 by changing the saturation by 10% instead.


 18.0014, 11.6631,
5.5774


 18.0014, 11.6631,
5.5774


233.9244,
202.1620, 164.4109


 11.0507, 6.5147,
2.5253


 39.5698, 28.8800,
17.5095


 6.1685, 3.1605,
0.8535


 54.9181, 41.7173,
27.2266

 2.9894, 1.2161,
0.0000

 73.7964, 57.8864,
40.0023

 1.1482, 0.0748,
0.0000

 96.5700, 77.7716,
56.2554

 0.0649, 0.0000,
0.0000

 123.6043,
101.7574, 76.4042

 0.0000, 0.0000,
0.0000

 155.2645,

130.2281, 100.8673

191.9161,
163.5682, 130.0634

■ 18.0014, 11.6631,
5.5774

■ 18.0014, 11.6631,
5.5774

■ 16.8879, 10.0287,
3.3796

■ 19.5173, 13.8848,
8.5804

■ 16.1377, 8.9243,
1.9090

■ 21.4680, 16.7401,
12.4557

■ 15.7057, 8.2848,
1.0730

■ 23.8837, 20.2731,
17.2639

■ 15.5341, 8.0336,
0.7319

■ 26.7917, 24.5232,
23.0602

■ 30.2170, 29.5271,
29.8953

■ 34.1831, 35.3187,
37.8166

■ 38.7119, 41.9299,
46.8685

■ 43.8243, 49.3909,
57.0929

■ 49.5399, 57.7304,
68.5297

Harmonies

Analogous

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



19.1495, 11.6631, 13.1427



18.0014, 11.6631, 5.5774



14.9132, 11.6631, 2.3893

Triad

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



18.0014, 11.6631, 5.5774



6.3203, 11.6631, 5.1500



10.9330, 11.6631, 42.8324

Complementary

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



18.0014, 11.6631, 5.5774



21.9292, 30.2257, 40.2754

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.



7.9760, 11.6631, 36.9003



18.0014, 11.6631, 5.5774



5.6784, 11.6631, 12.2657

Square

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



18.0014, 11.6631, 5.5774



8.1909, 11.6631, 2.2482



6.2157, 11.6631, 24.2051



14.5923, 11.6631, 37.8005

Rectangle

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



18.0014, 11.6631, 5.5774



12.4423, 11.6631, 1.6836



6.2157, 11.6631, 24.2051



9.8309, 11.6631, 42.0159

Sweetspot

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



18.0017, 11.6638, 5.5776



50.4967, 47.5933, 46.3153



23.9243, 13.9477, 37.0283



10.6868, 9.8895, 9.4217



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.0017, 11.6638, 5.5776



29.6682, 17.1122, 4.9186



22.1821, 20.0245, 6.9711



7.0790, 7.0963, 7.3767



11.7539, 6.0818, 0.5544



0.2485, 0.1309, 0.0122

Inverse Universe

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



21.9292, 30.2257, 40.2754



37.2528, 52.9872, 72.0165



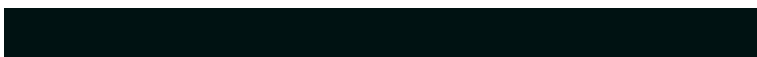
14.5045, 15.3763, 37.8005



7.2703, 7.9996, 9.0640



15.1046, 21.9886, 30.3779



0.3191, 0.4655, 0.6389

Previews

White Background



This preview shows how the XYZ color 18.0014, 11.6631, 5.5774 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 18.0014, 11.6631, 5.5774 looks on a black 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

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

XYZ 18.0014, 11.6631, 5.5774

Background



This preview shows how black text looks on a background with the XYZ color 18.0014, 11.6631, 5.5774.



This preview shows how white text looks on a background with the XYZ color 18.0014, 11.6631,

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

18.0014, 11.6631, 5.5774

Protanopia

11.1042, 11.9274, 8.1955

Deuteranopia

11.9879, 11.7817, 5.2567



Tritanopia

18.0583, 11.6012, 6.1380

Trichromacy



Original Color

18.0014, 11.6631, 5.5774

Protanomaly

12.8487, 11.2059, 7.1160

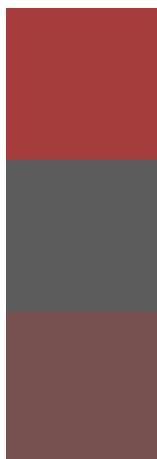
Deuteranomaly

13.6726, 11.3312, 5.3374

Tritanomaly

18.0301, 11.5899, 5.9894

Monochromacy



Original Color

18.0014, 11.6631, 5.5774

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.9981, 10.3860, 8.9617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0014, 11.6631, 5.5774 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(165, 61, 60)` looks like.

```
.text, #text, p{  
    color:rgb(165, 61, 60)  
}
```

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(165, 61, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 61, 60) }
```

Border

The CSS property to change the border of an element to XYZ 18.0014, 11.6631, 5.5774 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(165, 61, 60) }
```


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

```
.border{ border-color:rgb(165, 61, 60) }
```

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

Here you see how a box with a 4 pixel rgb(165, 61, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 61, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 61, 60);  
box-shadow:4px 4px 4px 4px rgb(165, 61,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0014, 11.6631, 5.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 61, 60) }
```

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

```
.background{ background-color: rgb(165, 61,  
60) }
```

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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