

Converting Colors

XYZ(17.9448, 15.3153, 11.8501)

Have a look what the booklet for
XYZ(17.9448, 15.3153, 11.8501)
contains.

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Color

**XYZ(18.0171, 15.4157,
11.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	92615B
RGB	146, 97, 91
RGB Percent	57%, 38%, 36%
CMY	0.4275, 0.6196, 0.6431
CMYK	0.00, 0.34, 0.38, 0.43
HSL	7°, 23%, 46%
HSV	7°, 38%, 57%
XYZ	18.0171, 15.4157, 11.9235
YIQ	110.9670, 31.1300, 8.5220

Conversions

Conversions Part 2

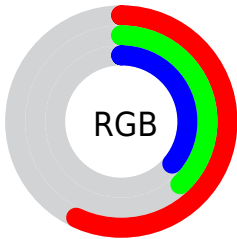
Format	Color
R_{YB}	146, 98, 91
Decimal	9593179
CIE Lab	46.20, 19.13, 11.55
CIE LCh	46, 22.345, 31.135
Yxy	15.4157, 0.3972, 0.3399
Android (android.graphics.Color)	4287783259 (0xFF92615B)
YUV	110.9670, -9.8437, 30.7239
Hunter-Lab	39.2628, 13.2009, 9.4785

Details

The XYZ color **18.0171, 15.4157, 11.9235** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8805, 23.0549, 30.6491**, and the grayscale version is **15.1215, 15.9090, 17.3249**.

A 20% lighter version of the original color is **39.4850, 35.5204, 29.9743**, and **6.1285, 4.7978, 3.0857** is the 20% darker color. If you saturate the color by 10%, you get **16.3427, 12.9786, 8.5546**, and if you desaturate by 10%, it is **20.0119, 18.2974, 16.0041**.

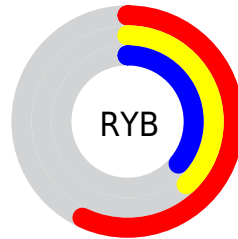
Distribution



Red (57%)

Green (38%)

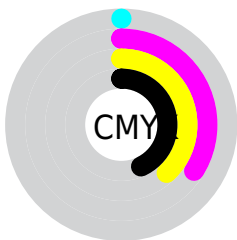
Blue (36%)



Red (57%)

Yellow (38%)

Blue (36%)

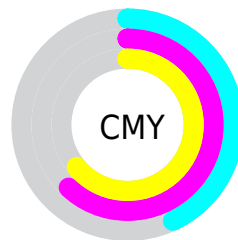


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (43%)



Cyan (43%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0171, 15.4157, 11.9235 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 18.0171, 15.4157, 11.9235 by changing the saturation by 10% instead.

■ 18.0171, 15.4157,
11.9235

■ 18.0171, 15.4157,
11.9235

234.0111,
225.8687, 214.8581

■ 11.0620, 9.1117,
6.5697

■ 39.5963, 35.5808,
30.0180

■ 6.1762, 4.8141,
3.1201

■ 54.9512, 50.2107,
43.5958

■ 2.9942, 2.1386,
1.1563

■ 73.8367, 68.3846,
60.7520

■ 1.1507, 0.6862,
0.0000

■ 96.6181, 90.4869,
81.9052

■ 0.0669, 0.0000,
0.0000

123.6610,
116.9021, 107.4738

■ 0.0000, 0.0000,
0.0000

155.3305,

148.0146, 137.8765

191.9921,
184.2086, 173.5317

■ 18.0171, 15.4157,
11.9235

■ 18.0171, 15.4157,
11.9235

■ 16.3427, 12.9786,
8.5546

■ 20.0119, 18.2974,
16.0041

■ 14.9708, 10.9619,
5.8557

■ 22.3415, 21.6421,
20.8331

■ 13.8835, 9.3424,
3.7821

■ 25.0207, 25.4696,
26.4457

■ 13.0606, 8.0937,
2.2836

■ 28.0632, 29.7981,
32.8745

■ 12.4790, 7.1862,
1.3017

■ 31.4818, 34.6449,
40.1503

■ 12.1050, 6.5830,
0.7303

■ 35.2888, 40.0262,
48.3025

■ 12.0384, 6.4797,
0.6162

■ 39.4960, 45.9578,
57.3589

■ 44.1145, 52.4547,
67.3460

■ 49.1551, 59.5312,
78.2894

Harmonies

Analogous

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



18.6288, 15.4157, 16.5782



18.0171, 15.4157, 11.9235



16.4929, 15.4157, 9.1711

Triad

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



18.0171, 15.4157, 11.9235



11.6722, 15.4157, 12.2123



14.7248, 15.4157, 29.6125

Complementary

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



18.0171, 15.4157, 11.9235



18.8805, 23.0549, 30.6491

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.



12.9537, 15.4157, 27.7525



18.0171, 15.4157, 11.9235



11.2860, 15.4157, 16.9937

Square

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



18.0171, 15.4157, 11.9235



12.8383, 15.4157, 9.3106



11.7347, 15.4157, 22.8156



16.6292, 15.4157, 27.4631

Rectangle

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



18.0171, 15.4157, 11.9235



15.2241, 15.4157, 8.4059



11.7347, 15.4157, 22.8156



14.0948, 15.4157, 29.4329

Sweetspot

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



18.0175, 15.4164, 11.9238



42.3883, 42.4332, 42.9743



20.3659, 15.5016, 26.9235



9.3040, 9.2602, 9.2965



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.



18.0175, 15.4164, 11.9238



29.3107, 23.5977, 16.0495



20.9502, 21.2818, 12.9014



5.8488, 5.9113, 6.0732



10.6029, 5.7202, 0.5453



0.1398, 0.0900, 0.0100

Inverse Universe

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



18.8805, 23.0549, 30.6491



31.0436, 39.0050, 53.8661



15.4080, 16.1099, 29.4916



5.9106, 6.4552, 7.4042



11.6080, 15.9107, 26.3903



0.1545, 0.2196, 0.3271

Previews

White Background



This preview shows how the XYZ color 18.0171, 15.4157, 11.9235 looks on a white background.

Color Contrast Check

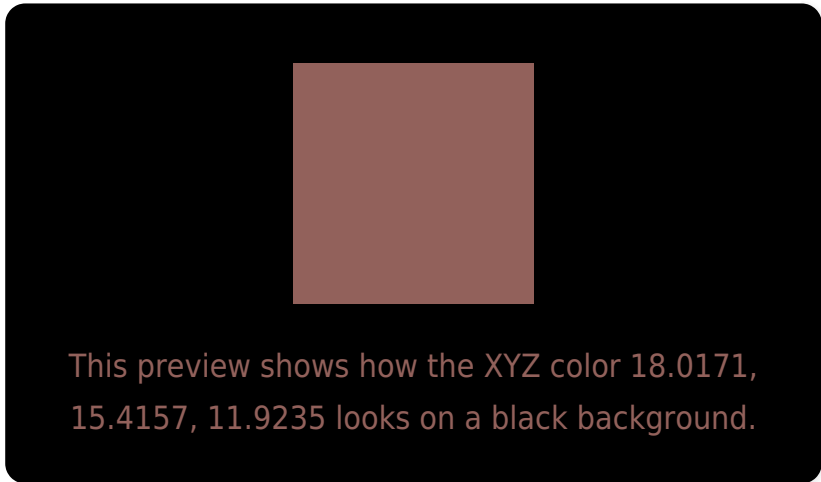
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.0171, 15.4157, 11.9235

Background



This preview shows how black text looks on a background with the XYZ color 18.0171, 15.4157, 11.9235.

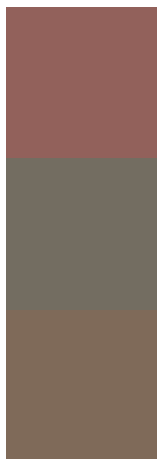


This preview shows how white text looks on a background with the XYZ color 18.0171, 15.4157,

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

18.0171, 15.4157, 11.9235

Protanopia

14.6965, 15.4452, 13.5159

Deuteranopia

15.7096, 15.5414, 11.6230



Tritanopia

18.5231, 15.3468, 14.5563

Trichromacy



Original Color

18.0171, 15.4157, 11.9235

Protanomaly

15.7213, 15.3650, 12.9636

Deuteranomaly

16.5272, 15.5070, 11.7949

Tritanomaly

18.4201, 15.4506, 13.5667

Monochromacy



Original Color

18.0171, 15.4157, 11.9235

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9649, 15.5926, 15.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0171, 15.4157, 11.9235 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(146, 97, 91)` looks like.

```
.text, #text, p{  
    color:rgb(146, 97, 91)  
}
```

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(146, 97, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 97, 91) }
```

Border

The CSS property to change the border of an element to XYZ 18.0171, 15.4157, 11.9235 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(146, 97, 91) }
```


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

```
.border{ border-color:rgb(146, 97, 91) }
```

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

Here you see how a box with a 4 pixel rgb(146, 97, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 97, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 97, 91);  
box-shadow:4px 4px 4px 4px rgb(146, 97,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0171, 15.4157, 11.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 97, 91) }
```

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

```
.background{ background-color: rgb(146, 97,  
91) }
```

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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