

Converting Colors

XYZ(17.1702, 15.5287, 6.0933)

Have a look what the booklet for
XYZ(17.1702, 15.5287, 6.0933)
contains.

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Color

**XYZ(17.1750, 15.5308,
6.0955)**

Conversions

Conversions Part 1

Format	Color
Hex	92643A
RGB	146, 100, 58
RGB Percent	57%, 39%, 23%
CMY	0.4275, 0.6078, 0.7725
CMYK	0.00, 0.32, 0.60, 0.43
HSL	29°, 43%, 40%
HSV	29°, 60%, 57%
XYZ	17.1750, 15.5308, 6.0955
YIQ	108.9660, 40.8980, -3.3100

Conversions

Conversions Part 2

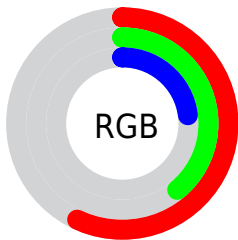
Format	Color
R_{YB}	146, 138, 58
Decimal	9593914
CIE _{Lab}	46.35, 13.91, 31.00
CIE _{LCh}	46, 33.976, 65.824
Yxy	15.5308, 0.4426, 0.4003
Android (android.graphics.Color)	4287783994 (0xFF92643A)
YUV	108.9660, -25.1262, 32.4788
Hunter-Lab	39.4091, 8.8266, 18.4159

Details

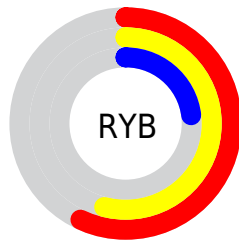
The XYZ color **17.1750, 15.5308, 6.0955** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.8834, 12.8750, 29.0530**, and the grayscale version is **14.5874, 15.3471, 16.7130**.

A 20% lighter version of the original color is **38.2967, 35.8703, 18.5409**, and **5.7594, 4.8506, 1.0135** is the 20% darker color. If you saturate the color by 10%, you get **16.1570, 14.0074, 4.1764**, and if you desaturate by 10%, it is **18.3677, 17.2351, 8.5928**.

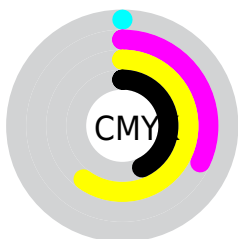
Distribution



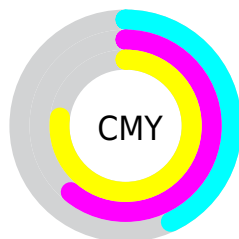
- Red (57%)
- Green (39%)
- Blue (23%)



- Red (57%)
- Yellow (54%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (43%)





- Cyan (43%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1750, 15.5308, 6.0955 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 17.1750, 15.5308, 6.0955 by changing the saturation by 10% instead.


 17.1750, 15.5308,
6.0955


 17.1750, 15.5308,
6.0955


229.3155,
226.5569, 169.2561


 10.4554, 9.1928,
2.8335


 38.1676, 35.7817,
18.6099


 5.7665, 4.8671,
1.0103

 53.1714, 50.4634,
28.6993

 2.7429, 2.1695,
0.0000

 71.6672, 68.6950,
41.9017

 1.0193, 0.7033,
0.0000

 94.0205, 90.8610,
58.6355

 0.0000, 0.0000,
0.0000

 120.5967,
117.3458, 79.3193

 151.7610,

148.5338, 104.3717

187.8788,
184.8094, 134.2111

■ 17.1750, 15.5308,
6.0955

■ 17.1750, 15.5308,
6.0955

■ 16.1570, 14.0074,
4.1764

■ 18.3677, 17.2351,
8.5928

■ 15.3016, 12.6550,
2.7857

■ 19.7438, 19.1247,
11.7108

■ 14.5963, 11.4664,
1.8666

■ 21.3128, 21.2069,
15.4888

■ 14.0247, 10.4523,
1.2783

■ 23.0831, 23.4877,
19.9626

■ 25.0624, 25.9727,
25.1655

■ 27.2582, 28.6675,
31.1285

■ 29.6775, 31.5773,
37.8810

■ 32.3268, 34.7071,
45.4505

■ 35.2126, 38.0617,
53.8636

Harmonies

Analogous

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



19.7819, 15.5308, 9.1551



17.1750, 15.5308, 6.0955



14.2007, 15.5308, 5.4495

Triad

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



17.1750, 15.5308, 6.0955



9.8633, 15.5308, 18.5901



18.2866, 15.5308, 33.5259

Complementary

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



17.1750, 15.5308, 6.0955



11.8834, 12.8750, 29.0530

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.



15.3370, 15.5308, 38.4010



17.1750, 15.5308, 6.0955



10.6718, 15.5308, 28.1374

Square

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



17.1750, 15.5308, 6.0955



10.2207, 15.5308, 11.1575



12.5855, 15.5308, 36.1597



20.4805, 15.5308, 24.3630

Rectangle

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



17.1750, 15.5308, 6.0955



12.4547, 15.5308, 6.1948



12.5855, 15.5308, 36.1597



17.3370, 15.5308, 35.8371

Sweetspot

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



17.1754, 15.5316, 6.0958



41.3587, 42.2436, 36.8673



15.9136, 10.1558, 14.4683



9.0061, 9.1506, 7.6985



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.



17.1754, 15.5316, 6.0958



27.9921, 23.9188, 6.4899



22.4503, 26.0815, 7.8541



6.0155, 6.2447, 6.1288



12.3639, 9.2421, 1.1323



0.1805, 0.1715, 0.0236

Inverse Universe

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



11.8834, 12.8750, 29.0530



17.8014, 18.7915, 50.6625



8.5986, 6.3054, 27.9581



5.7352, 6.1045, 7.3457



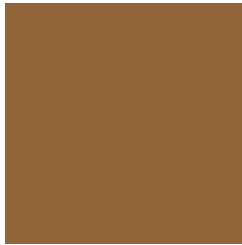
6.8815, 6.4578, 24.8148



0.1138, 0.1381, 0.3136

Previews

White Background



This preview shows how the XYZ color 17.1750, 15.5308, 6.0955 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 17.1750, 15.5308, 6.0955 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 17.1750, 15.5308, 6.0955

Background



This preview shows how black text looks on a background with the XYZ color 17.1750, 15.5308, 6.0955.



This preview shows how white text looks on a background with the XYZ color 17.1750, 15.5308,

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

17.1750, 15.5308, 6.0955

Protanopia

14.3306, 15.5646, 6.8064

Deuteranopia

15.7818, 15.5495, 6.0405



Tritanopia

18.8849, 15.5333, 14.5733

Trichromacy



Original Color

17.1750, 15.5308, 6.0955

Protanomaly

15.2023, 15.3908, 6.5844

Deuteranomaly

16.2362, 15.4849, 6.0040

Tritanomaly

18.1672, 15.5172, 10.8417

Monochromacy



Original Color

17.1750, 15.5308, 6.0955

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0255, 15.1838, 11.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1750, 15.5308, 6.0955 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, 100, 58)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 58)  
}
```

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, 100, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 58) }
```

Border

The CSS property to change the border of an element to XYZ 17.1750, 15.5308, 6.0955 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, 100, 58) }
```


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

```
.border{ border-color:rgb(146, 100, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 100, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 58);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1750, 15.5308, 6.0955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 58) }
```

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

```
.background{ background-color: rgb(146,  
100, 58) }
```

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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