

Converting Colors

XYZ(17.5902, 15.7325, 6.0377)

Have a look what the booklet for
XYZ(17.5902, 15.7325, 6.0377)
contains.

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Color

**XYZ(17.5084, 15.7057,
5.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	946439
RGB	148, 100, 57
RGB Percent	58%, 39%, 22%
CMY	0.4196, 0.6078, 0.7765
CMYK	0.00, 0.32, 0.61, 0.42
HSL	28°, 44%, 40%
HSV	28°, 61%, 58%
XYZ	17.5084, 15.7057, 5.9796
YIQ	109.4500, 42.4110, -3.1970

Conversions

Conversions Part 2

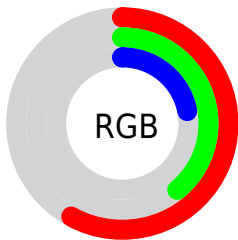
Format	Color
RYB	148, 139, 57
Decimal	9724985
CIELab	46.59, 14.73, 31.89
CIElCh	47, 35.122, 65.210
Yxy	15.7057, 0.4467, 0.4007
Android (android.graphics.Color)	4287915065 (0xFF946439)
YUV	109.4500, -25.8579, 33.8083
Hunter-Lab	39.6304, 9.5066, 18.7954

Details

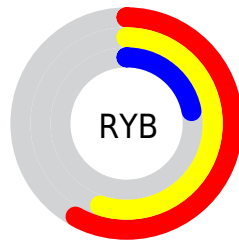
The XYZ color **17.5084, 15.7057, 5.9796** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.0838, 13.1103, 29.9103**, and the grayscale version is **14.7271, 15.4941, 16.8730**.

A 20% lighter version of the original color is **38.7932, 36.1323, 18.2942**, and **5.9556, 4.9524, 0.9898** is the 20% darker color. If you saturate the color by 10%, you get **16.4785, 14.1532, 4.0728**, and if you desaturate by 10%, it is **18.7184, 17.4463, 8.4778**.

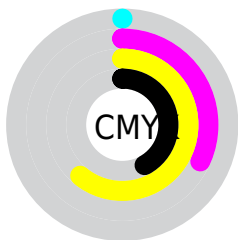
Distribution



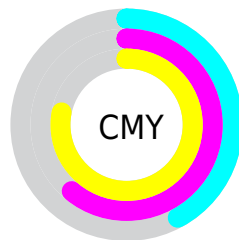
- Red (58%)
- Green (39%)
- Blue (22%)



- Red (58%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (61%)
- Black (42%)





- Cyan (42%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5084, 15.7057, 5.9796 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 17.5084, 15.7057, 5.9796 by changing the saturation by 10% instead.


 17.5084, 15.7057,
5.9796


 17.5084, 15.7057,
5.9796


231.1849,
227.5988, 168.1887


 10.6952, 9.3161,
2.7641


 38.7345, 36.0865,
18.3655


 5.9280, 4.9480,
0.9755


 53.8781, 50.8466,
28.3729


 2.8416, 2.2168,
0.0000

 72.5293, 69.1656,
41.4814

 1.0706, 0.7291,
0.0000

 95.0533, 91.4280,
58.1095

 0.0003, 0.0000,
0.0000

 121.8155,
118.0181, 78.6758

 0.0000, 0.0000,
0.0000

 153.1812,

149.3203, 103.5987

189.5159,
185.7191, 133.2968

■ 17.5084, 15.7057,
5.9796

■ 17.5084, 15.7057,
5.9796

■ 16.4785, 14.1532,
4.0728

■ 18.7184, 17.4463,
8.4778

■ 15.6160, 12.7787,
2.7049

■ 20.1179, 19.3800,
11.6120

■ 14.9078, 11.5740,
1.8157

■ 21.7167, 21.5142,
15.4232

■ 14.3991, 10.6687,
1.3004

■ 23.5237, 23.8554,
19.9491

■ 25.5469, 26.4096,
25.2241

■ 27.7942, 29.1826,
31.2808

■ 30.2729, 32.1799,
38.1497

■ 32.9899, 35.4067,
45.8595

■ 35.9518, 38.8683,
54.4377

Harmonies

Analogous

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



20.2163, 15.7057, 9.1668



17.5084, 15.7057, 5.9796



14.4046, 15.7057, 5.2794

Triad

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



17.5084, 15.7057, 5.9796



9.8416, 15.7057, 18.6624



18.5482, 15.7057, 34.6940

Complementary

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



17.5084, 15.7057, 5.9796



12.0838, 13.1103, 29.9103

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.



15.4635, 15.7057, 39.7028



17.5084, 15.7057, 5.9796



10.6528, 15.7057, 28.6485

Square

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



17.5084, 15.7057, 5.9796



10.2355, 15.7057, 11.0114



12.6141, 15.7057, 37.1812



20.8714, 15.7057, 25.1013

Rectangle

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



17.5084, 15.7057, 5.9796



12.5795, 15.7057, 6.0053



12.6141, 15.7057, 37.1812



17.5515, 15.7057, 37.0944

Sweetspot

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



17.5088, 15.7065, 5.9799



42.5811, 43.4601, 37.9644



16.2531, 10.2531, 14.6312



9.5095, 9.6527, 8.1235



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.5088, 15.7065, 5.9799



28.4341, 23.9677, 6.1142



23.0714, 26.8316, 7.8341



6.0133, 6.2403, 6.1280



12.3262, 9.1668, 1.1197



0.1800, 0.1705, 0.0234

Inverse Universe

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



12.0838, 13.1103, 29.9103



17.9873, 18.9517, 52.1446



8.6503, 6.2433, 28.7658



5.7374, 6.1089, 7.3465



6.9238, 6.5424, 24.8289



0.1143, 0.1391, 0.3137

Previews

White Background



This preview shows how the XYZ color 17.5084, 15.7057, 5.9796 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 17.5084, 15.7057, 5.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

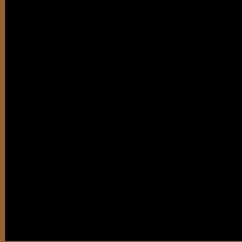
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5084, 15.7057, 5.9796

Background



This preview shows how black text looks on a background with the XYZ color 17.5084, 15.7057, 5.9796.



This preview shows how white text looks on a background with the XYZ color 17.5084, 15.7057,

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

17.5084, 15.7057, 5.9796

Protanopia

14.5528, 15.8434, 6.7059

Deuteranopia

16.0212, 15.8278, 5.9520



Tritanopia

19.2530, 15.7230, 14.5905

Trichromacy



Original Color

17.5084, 15.7057, 5.9796

Protanomaly

15.4334, 15.6669, 6.4856

Deuteranomaly

16.4793, 15.7616, 5.9151

Tritanomaly

18.5321, 15.7053, 10.8588

Monochromacy



Original Color

17.5084, 15.7057, 5.9796

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1679, 15.2572, 11.8184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5084, 15.7057, 5.9796 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(148, 100, 57)` looks like.

```
.text, #text, p{  
    color:rgb(148, 100, 57)  
}
```

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(148, 100, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 100, 57) }
```

Border

The CSS property to change the border of an element to XYZ 17.5084, 15.7057, 5.9796 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(148, 100, 57) }
```


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

```
.border{ border-color:rgb(148, 100, 57) }
```

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

Here you see how a box with a 4 pixel rgb(148, 100, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 100, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 100, 57);  
box-shadow:4px 4px 4px 4px rgb(148, 100,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5084, 15.7057, 5.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 100, 57) }
```

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

```
.background{ background-color: rgb(148,  
100, 57) }
```

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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