

Converting Colors

XYZ(17.6117, 15.8806, 6.9875)

Have a look what the booklet for
XYZ(17.6117, 15.8806, 6.9875)
contains.

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Color

**XYZ(17.6117, 15.8806,
6.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	936540
RGB	147, 101, 64
RGB Percent	58%, 40%, 25%
CMY	0.4235, 0.6039, 0.7490
CMYK	0.00, 0.31, 0.56, 0.42
HSL	27°, 39%, 41%
HSV	27°, 56%, 58%
XYZ	17.6117, 15.8806, 6.9875
YIQ	110.5360, 39.2930, -1.7550

Conversions

Conversions Part 2

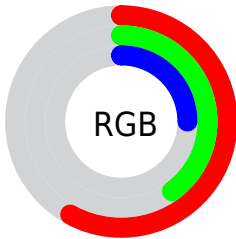
Format	Color
RYB	147, 131, 64
Decimal	9659712
CIELab	46.82, 14.29, 28.23
CIElCh	47, 31.643, 63.159
Yxy	15.8806, 0.4351, 0.3923
Android (android.graphics.Color)	4287849792 (0xFF936540)
YUV	110.5360, -22.9422, 31.9789
Hunter-Lab	39.8505, 9.1488, 17.4992

Details

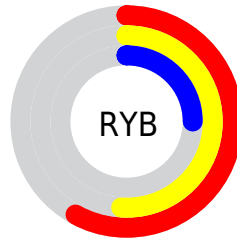
The XYZ color **17.6117, 15.8806, 6.9875** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.9564, 14.3476, 29.6901**, and the grayscale version is **15.0318, 15.8146, 17.2221**.

A 20% lighter version of the original color is **38.8375, 36.3452, 20.5912**, and **5.9509, 5.0125, 1.2700** is the 20% darker color. If you saturate the color by 10%, you get **16.4952, 14.2311, 4.8167**, and if you desaturate by 10%, it is **18.9177, 17.7326, 9.7659**.

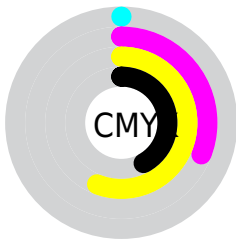
Distribution



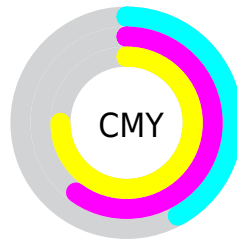
- Red (58%)
- Green (40%)
- Blue (25%)



- Red (58%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6117, 15.8806, 6.9875 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 17.6117, 15.8806, 6.9875 by changing the saturation by 10% instead.

■ 17.6117, 15.8806,
6.9875

■ 17.6117, 15.8806,
6.9875

231.7613,
228.6361, 177.1868

■ 10.7696, 9.4397,
3.3760

■ 38.9098, 36.3908,
20.4605

■ 5.9782, 5.0291,
1.2897

■ 54.0966, 51.2289,
31.1590

■ 2.8724, 2.2643,
0.0533

■ 72.7955, 69.6348,
45.0570

■ 1.0866, 0.7547,
0.0000

■ 95.3721, 91.9930,
62.5729

■ 0.0139, 0.0000,
0.0000

■ 122.1916,
118.6878, 84.1253

■ 0.0000, 0.0000,
0.0000

■ 153.6194,

150.1037, 110.1327

190.0209,
186.6250, 141.0137

■ 17.6117, 15.8806,
6.9875

■ 17.6117, 15.8806,
6.9875

■ 16.4952, 14.2311,
4.8167

■ 18.9177, 17.7326,
9.7659

■ 15.5559, 12.7737,
3.2049

■ 20.4221, 19.7923,
13.1932

■ 14.7815, 11.5003,
2.0979

■ 22.1345, 22.0675,
17.3084

■ 14.1536, 10.3996,
1.4107

■ 24.0637, 24.5650,
22.1468

■ 13.9538, 10.0455,
1.2035

■ 26.2176, 27.2910,
27.7416

■ 28.6040, 30.2516,
34.1236

■ 31.2301, 33.4527,
41.3221

■ 34.1028, 36.8998,
49.3649

■ 37.2287, 40.5984,
58.2783

Harmonies

Analogous

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



19.9717, 15.8806, 10.2560



17.6117, 15.8806, 6.9875



14.8043, 15.8806, 6.1440

Triad

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



17.6117, 15.8806, 6.9875



10.4028, 15.8806, 18.1399



18.1774, 15.8806, 33.3349

Complementary

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



17.6117, 15.8806, 6.9875



12.9564, 14.3476, 29.6901

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.



15.3875, 15.8806, 37.2672



17.6117, 15.8806, 6.9875



11.0832, 15.8806, 26.9758

Square

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



17.6117, 15.8806, 6.9875



10.8476, 15.8806, 11.3113



12.8285, 15.8806, 34.6452



20.3252, 15.8806, 25.0766

Rectangle

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



17.6117, 15.8806, 6.9875



13.1071, 15.8806, 6.7649



12.8285, 15.8806, 34.6452



17.2723, 15.8806, 35.3035

Sweetspot

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



17.6121, 15.8814, 6.9878



42.7722, 43.5793, 38.8389



16.7371, 11.0183, 16.2932



9.6177, 9.7603, 8.4948



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.



17.6121, 15.8814, 6.9878



29.0148, 24.6845, 7.6785



22.5518, 25.7607, 8.6344



6.0009, 6.2156, 6.1239



12.1214, 8.7571, 1.0514



0.1770, 0.1645, 0.0224

Inverse Universe

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



12.9564, 14.3476, 29.6901



19.7928, 21.6201, 52.5645



9.5420, 7.5189, 28.5519



5.7499, 6.1338, 7.3506



7.1715, 7.0379, 24.9115



0.1172, 0.1451, 0.3147

Previews

White Background



This preview shows how the XYZ color 17.6117, 15.8806, 6.9875 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 17.6117, 15.8806, 6.9875 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 17.6117, 15.8806, 6.9875

Background



This preview shows how black text looks on a background with the XYZ color 17.6117, 15.8806, 6.9875.



This preview shows how white text looks on a background with the XYZ color 17.6117, 15.8806,

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

17.6117, 15.8806, 6.9875

Protanopia

14.7539, 15.9238, 7.7648

Deuteranopia

16.2046, 15.9012, 6.9178



Tritanopia

19.2087, 15.8290, 14.8749

Trichromacy



Original Color

17.6117, 15.8806, 6.9875

Protanomaly

15.6309, 15.7459, 7.5256

Deuteranomaly

16.6627, 15.8350, 6.8809

Tritanomaly

18.5653, 15.8462, 11.5313

Monochromacy



Original Color

17.6117, 15.8806, 6.9875

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5903, 15.6086, 12.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6117, 15.8806, 6.9875 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(147, 101, 64)` looks like.

```
.text, #text, p{  
    color:rgb(147, 101, 64)  
}
```

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(147, 101, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 101, 64) }
```

Border

The CSS property to change the border of an element to XYZ 17.6117, 15.8806, 6.9875 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(147, 101, 64) }
```


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

```
.border{ border-color:rgb(147, 101, 64) }
```

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

Here you see how a box with a 4 pixel rgb(147, 101, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 101, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 101, 64);  
box-shadow:4px 4px 4px 4px rgb(147, 101,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6117, 15.8806, 6.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 101, 64) }
```

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

```
.background{ background-color: rgb(147,  
101, 64) }
```

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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