

Converting Colors

XYZ(17.1955, 16.4332, 6.0070)

Have a look what the booklet for
XYZ(17.1955, 16.4332, 6.0070)
contains.

XYZ(17.1955, 16.4332, 6.0070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1955, 16.4332,
6.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6A38
RGB	143, 106, 56
RGB Percent	56%, 42%, 22%
CMY	0.4392, 0.5843, 0.7804
CMYK	0.00, 0.26, 0.61, 0.44
HSL	34°, 44%, 39%
HSV	34°, 61%, 56%
XYZ	17.1955, 16.4332, 6.0070
YIQ	111.3630, 38.1020, -7.7060

Conversions

Conversions Part 2

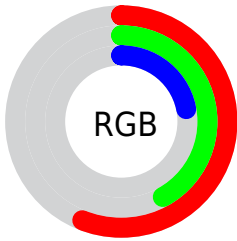
Format	Color
R_{YB}	120, 143, 56
Decimal	9398840
CIE Lab	47.54, 8.92, 33.41
CIE LCh	48, 34.581, 75.053
Yxy	16.4332, 0.4338, 0.4146
Android (android.graphics.Color)	4287588920 (0xFF8F6A38)
YUV	111.3630, -27.2940, 27.7456
Hunter-Lab	40.5379, 4.7755, 19.5908

Details

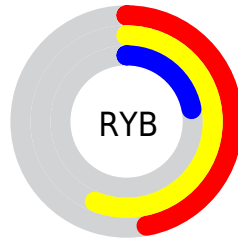
The XYZ color **17.1955, 16.4332, 6.0070** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.5029, 10.6521, 27.4889**, and the grayscale version is **15.2845, 16.0805, 17.5117**.

A 20% lighter version of the original color is **38.1088, 37.2555, 18.2792**, and **5.7331, 5.2715, 0.9738** is the 20% darker color. If you saturate the color by 10%, you get **16.2900, 15.1042, 4.2194**, and if you desaturate by 10%, it is **18.2462, 17.8927, 8.3363**.

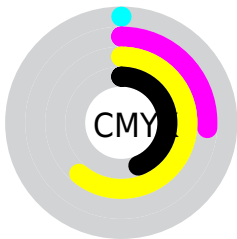
Distribution



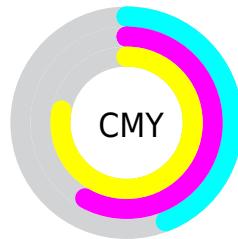
- Red (56%)
- Green (42%)
- Blue (22%)



- Red (47%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (61%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1955, 16.4332, 6.0070 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 17.1955, 16.4332, 6.0070 by changing the saturation by 10% instead.

■ 17.1955, 16.4332,
6.0070

■ 17.1955, 16.4332,
6.0070

229.4308,
231.8845, 168.4419

■ 10.4701, 9.8312,
2.7805

■ 38.2025, 37.3486,
18.4233

■ 5.7764, 5.2872,
0.9837

■ 53.2149, 52.4309,
28.4502

■ 2.7490, 2.4167,
0.0000

■ 71.7204, 71.1087,
41.5810

■ 1.0224, 0.8345,
0.0000

■ 94.0842, 93.7664,
58.2342

■ 0.0000, 0.0000,
0.0000

■ 120.6718,
120.7885, 78.8283

■ 151.8486,

152.5592, 103.7820

187.9798,
189.4631, 133.5136

■ 17.1955, 16.4332,
6.0070

■ 17.1955, 16.4332,
6.0070

■ 16.2900, 15.1042,
4.2194

■ 18.2462, 17.8927,
8.3363

■ 15.5188, 13.8979,
2.9261

■ 19.4495, 19.4851,
11.2474

■ 14.8710, 12.8092,
2.0728

■ 20.8137, 21.2158,
14.7777

■ 14.3592, 11.9028,
1.5407

■ 22.3459, 23.0890,
18.9611

■ 24.0530, 25.1087,
23.8291

■ 25.9412, 27.2787,
29.4110

■ 28.0166, 29.6027,
35.7346

■ 30.2848, 32.0841,
42.8261

■ 32.7513, 34.7263,
50.7103

Harmonies

Analogous

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



20.1830, 16.4332, 8.3799



17.1955, 16.4332, 6.0070



14.1324, 16.4332, 6.0110

Triad

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



17.1955, 16.4332, 6.0070



10.5740, 16.4332, 22.6645



20.1922, 16.4332, 32.7314

Complementary

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



17.1955, 16.4332, 6.0070



10.5029, 10.6521, 27.4889

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.



17.2069, 16.4332, 39.7512



17.1955, 16.4332, 6.0070



11.8012, 16.4332, 32.7649

Square

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



17.1955, 16.4332, 6.0070



10.5718, 16.4332, 13.8688



14.1424, 16.4332, 39.7651



22.0614, 16.4332, 22.6288

Rectangle

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



17.1955, 16.4332, 6.0070



12.4616, 16.4332, 7.2974



14.1424, 16.4332, 39.7651



19.2698, 16.4332, 35.6575

Sweetspot

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



17.1959, 16.4340, 6.0073



40.7402, 42.2135, 35.9834



14.7488, 9.4709, 11.5701



9.1643, 9.4669, 7.7512



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.



17.1959, 16.4340, 6.0073



28.6342, 26.2238, 6.5997



20.8855, 25.2656, 7.5175



5.6500, 5.9063, 5.7316



12.7174, 10.5665, 1.3693



0.1435, 0.1448, 0.0204

Inverse Universe

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



10.5029, 10.6521, 27.4889



15.5747, 14.9714, 48.6069



8.3463, 5.8294, 26.6717



5.3063, 5.6084, 6.8316



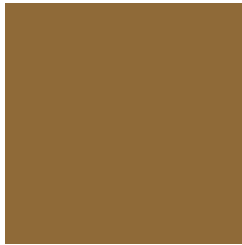
5.8703, 4.7266, 23.5800



0.0772, 0.0874, 0.2325

Previews

White Background



This preview shows how the XYZ color 17.1955, 16.4332, 6.0070 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 17.1955, 16.4332, 6.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

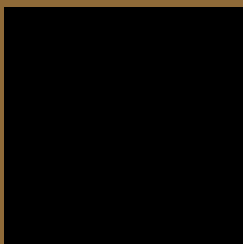
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1955, 16.4332, 6.0070

Background



This preview shows how black text looks on a background with the XYZ color 17.1955, 16.4332, 6.0070.



This preview shows how white text looks on a background with the XYZ color 17.1955, 16.4332,

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

17.1955, 16.4332, 6.0070

Protanopia

15.1263, 16.4757, 6.3859

Deuteranopia

16.7238, 16.4996, 6.0447



Tritanopia

19.2966, 16.4001, 16.3359

Trichromacy



Original Color

17.1955, 16.4332, 6.0070

Protanomaly

15.8302, 16.3528, 6.1930

Deuteranomaly

16.7867, 16.3764, 6.0176

Tritanomaly

18.4086, 16.3350, 11.6339

Monochromacy



Original Color

17.1955, 16.4332, 6.0070

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5253, 15.9036, 12.1490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1955, 16.4332, 6.0070 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(143, 106, 56)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 56)  
}
```

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(143, 106, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 56) }
```

Border

The CSS property to change the border of an element to XYZ 17.1955, 16.4332, 6.0070 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(143, 106, 56) }
```


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

```
.border{ border-color:rgb(143, 106, 56) }
```

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

Here you see how a box with a 4 pixel rgb(143, 106, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 56);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1955, 16.4332, 6.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 56) }
```

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

```
.background{ background-color: rgb(143,  
106, 56) }
```

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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