

Converting Colors

XYZ(17.8900, 15.9712, 14.6634)

Have a look what the booklet for
XYZ(17.8900, 15.9712, 14.6634)
contains.

XYZ(17.9649, 16.0375, 14.7191)	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(17.9649, 16.0375,
14.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6666
RGB	140, 102, 102
RGB Percent	55%, 40%, 40%
CMY	0.4510, 0.6000, 0.6000
CMYK	0.00, 0.27, 0.27, 0.45
HSL	0°, 16%, 47%
HSV	0°, 27%, 55%
XYZ	17.9649, 16.0375, 14.7191
YIQ	113.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

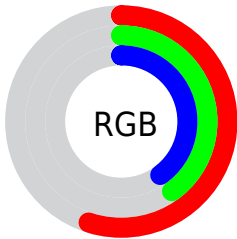
Format	Color
R_{YB}	140, 102, 102
Decimal	9201254
CIE _{Lab}	47.02, 15.29, 6.02
CIE _{LCh}	47, 16.433, 21.478
Yxy	16.0375, 0.3687, 0.3292
Android (android.graphics.Color)	4287391334 (0xFF8C6666)
YUV	113.3620, -5.6015, 23.3615
Hunter-Lab	40.0468, 9.9926, 6.2409

Details

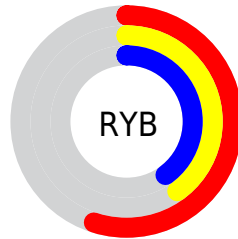
The XYZ color **17.9649, 16.0375, 14.7191** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5910, 23.4739, 28.3095**, and the grayscale version is **15.8154, 16.6390, 18.1199**.

A 20% lighter version of the original color is **39.3891, 36.5517, 35.1161**, and **6.1756, 5.1321, 4.2795** is the 20% darker color. If you saturate the color by 10%, you get **16.0669, 13.2603, 10.9454**, and if you desaturate by 10%, it is **20.2134, 19.3278, 19.1886**.

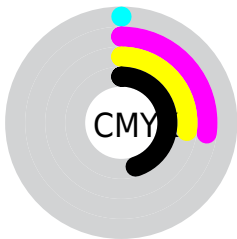
Distribution



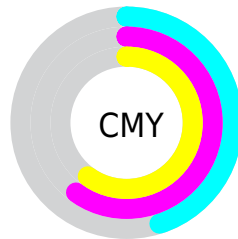
- Red (55%)
- Green (40%)
- Blue (40%)



- Red (55%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9649, 16.0375, 14.7191 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 17.9649, 16.0375, 14.7191 by changing the saturation by 10% instead.

■ 17.9649, 16.0375,
14.7191

■ 17.9649, 16.0375,
14.7191

233.7225,
229.5629, 233.2416

■ 11.0243, 9.5507,
8.4781

■ 39.5081, 36.6633,
35.0949

■ 6.1506, 5.1021,
4.3102

■ 54.8414, 51.5711,
50.0668

■ 2.9784, 2.3073,
1.7970

■ 73.7029, 70.0546,
68.7861

■ 1.1424, 0.7776,
0.4260

■ 96.4582, 92.4984,
91.6712

■ 0.0601, 0.0000,
0.0000

123.4724,
119.2867, 119.1408

■ 0.0000, 0.0000,
0.0000

155.1109,

150.8039, 151.6133

191.7392,
187.4345, 189.5074

■ 17.9649, 16.0375,
14.7191

■ 17.9649, 16.0375,
14.7191

■ 16.0669, 13.2603,
10.9454

■ 20.2134, 19.3278,
19.1886

■ 14.5005, 10.9682,
7.8315

■ 22.8275, 23.1529,
24.3853

■ 13.2471, 9.1341,
5.3399

■ 25.8228, 27.5359,
30.3399

■ 12.2857, 7.7273,
3.4288

■ 29.2138, 32.4978,
37.0812

■ 11.5927, 6.7132,
2.0513

■ 33.0141, 38.0588,
44.6364

■ 11.1409, 6.0521,
1.1533

■ 37.2369, 44.2377,
53.0312

■ 10.8807, 5.6713,
0.6361

■ 41.8944, 51.0529,
62.2905

■ 10.8154, 5.5757,
0.5062

■ 46.9987, 58.5218,
72.4380

■ 52.5612, 66.6613,
83.4964

Harmonies

Analogous

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



18.1457, 16.0375, 18.6626



17.9649, 16.0375, 14.7191



17.0317, 16.0375, 11.9684

Triad

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



17.9649, 16.0375, 14.7191



13.1798, 16.0375, 12.9782



14.8369, 16.0375, 26.5270

Complementary

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



17.9649, 16.0375, 14.7191



19.5910, 23.4739, 28.3095

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.



13.5844, 16.0375, 24.4224



17.9649, 16.0375, 14.7191



12.6679, 16.0375, 16.3142

Square

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



17.9649, 16.0375, 14.7191



14.2526, 16.0375, 11.0788



12.8112, 16.0375, 20.5263



16.2786, 16.0375, 25.9203

Rectangle

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



17.9649, 16.0375, 14.7191



16.1389, 16.0375, 10.9759



12.8112, 16.0375, 20.5263



14.3812, 16.0375, 26.1026

Sweetspot

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



17.9653, 16.0382, 14.7194



39.7423, 40.0828, 41.9913



20.3004, 16.9719, 27.0171



9.0047, 9.0123, 9.3719



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9653, 16.0382, 14.7194



29.4124, 24.9674, 21.4559



20.0511, 20.2097, 15.4147



5.0329, 5.0486, 5.2616



9.6099, 4.9542, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



19.5910, 23.4739, 28.3095



32.8066, 40.4916, 49.8295



17.0507, 18.3932, 27.4627



5.1728, 5.6886, 6.4312



12.5377, 18.3457, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 17.9649, 16.0375, 14.7191 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 17.9649, 16.0375, 14.7191 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 17.9649, 16.0375, 14.7191

Background



This preview shows how black text looks on a background with the XYZ color 17.9649, 16.0375, 14.7191.



This preview shows how white text looks on a background with the XYZ color 17.9649, 16.0375,

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

17.9649, 16.0375, 14.7191

Protanopia

15.4085, 16.0753, 16.2006

Deuteranopia

16.4639, 16.1767, 14.5666



Tritanopia

18.3985, 16.0742, 16.6009

Trichromacy



Original Color

17.9649, 16.0375, 14.7191

Protanomaly

16.2245, 16.0301, 15.6036

Deuteranomaly

17.0187, 16.1532, 14.5328

Tritanomaly

18.2397, 16.0107, 15.7647

Monochromacy



Original Color

17.9649, 16.0375, 14.7191

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3973, 16.2524, 16.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9649, 16.0375, 14.7191 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(140, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 102)  
}
```

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(140, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.9649, 16.0375, 14.7191 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(140, 102, 102) }
```


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

```
.border{ border-color:rgb(140, 102, 102) }
```

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

Here you see how a box with a 4 pixel rgb(140, 102, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9649, 16.0375, 14.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 102) }
```

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

```
.background{ background-color: rgb(140,  
102, 102) }
```

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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