

Converting Colors

XYZ(17.7908, 15.9234, 13.7349)

Have a look what the booklet for
XYZ(17.7908, 15.9234, 13.7349)
contains.

XYZ(17.7712, 15.9600, 13.6992)	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(17.7712, 15.9600,
13.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6662
RGB	140, 102, 98
RGB Percent	55%, 40%, 38%
CMY	0.4510, 0.6000, 0.6157
CMYK	0.00, 0.27, 0.30, 0.45
HSL	6°, 18%, 47%
HSV	6°, 30%, 55%
XYZ	17.7712, 15.9600, 13.6992
YIQ	112.9060, 23.9320, 6.8120

Conversions

Conversions Part 2

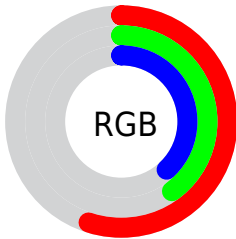
Format	Color
R_{YB}	140, 102, 98
Decimal	9201250
CIE Lab	46.92, 14.69, 8.27
CIE LCh	47, 16.862, 29.368
Yxy	15.9600, 0.3747, 0.3365
Android (android.graphics.Color)	4287391330 (0xFF8C6662)
YUV	112.9060, -7.3487, 23.7614
Hunter-Lab	39.9500, 9.4909, 7.6339

Details

The XYZ color **17.7712, 15.9600, 13.6992** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5746, 22.0978, 28.0974**, and the grayscale version is **15.6846, 16.5014, 17.9701**.

A 20% lighter version of the original color is **39.0642, 36.4217, 33.4050**, and **6.1058, 5.1042, 3.9122** is the 20% darker color. If you saturate the color by 10%, you get **16.0161, 13.4167, 10.1332**, and if you desaturate by 10%, it is **19.8330, 18.9315, 17.9383**.

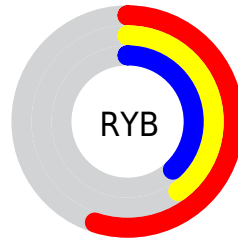
Distribution



Red (55%)

Green (40%)

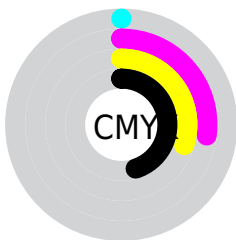
Blue (38%)



Red (55%)

Yellow (40%)

Blue (38%)

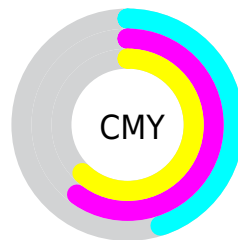


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (45%)



Cyan (45%)


Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.7712, 15.9600, 13.6992 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 17.7712, 15.9600, 13.6992 by changing the saturation by 10% instead.


 17.7712, 15.9600,
13.6992

 17.7712, 15.9600,
13.6992


232.6488,
229.1056, 226.7144


 10.8845, 9.4959,
7.7754


 39.1802, 36.5287,
33.2638


 6.0560, 5.0660,
3.8659


 54.4333, 51.4021,
47.7416

 2.9201, 2.2860,
1.5520

 73.2059, 69.8474,
65.9078

 1.1117, 0.7663,
0.2563

 95.8633, 92.2489,
88.1811

 0.0348, 0.0000,
0.0000

122.7710,
118.9911, 114.9798

 0.0000, 0.0000,
0.0000

154.2942,

150.4584, 146.7226

190.7984,
187.0350, 183.8279

■ 17.7712, 15.9600,
13.6992

■ 17.7712, 15.9600,
13.6992

■ 16.0161, 13.4167,
10.1332

■ 19.8330, 18.9315,
17.9383

■ 14.5518, 11.2796,
7.2047

■ 22.2139, 22.3473,
22.8816

■ 13.3628, 9.5285,
4.8763


■ 24.9272, 26.2254,
28.5595


■ 12.4320, 8.1401,
3.1065


■ 27.9848, 30.5821,
35.0002


■ 11.7398, 7.0891,
1.8482

■ 31.3984, 35.4330,
42.2306


 11.2641, 6.3464,
1.0468


 35.1789, 40.7930,
50.2762

 10.9636, 5.8722,
0.5556

 39.3368, 46.6763,
59.1613

 10.9636, 5.8722,
0.5556

 43.8822, 53.0965,
68.9093

 48.8247, 60.0668,
79.5425

Harmonies

Analogous

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



18.1781, 15.9600, 17.4673



17.7712, 15.9600, 13.6992



16.6572, 15.9600, 11.2965

Triad

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



17.7712, 15.9600, 13.6992



12.8629, 15.9600, 13.5674



15.1383, 15.9600, 26.8045

Complementary

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



17.7712, 15.9600, 13.6992



18.5746, 22.0978, 28.0974

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.



13.7731, 15.9600, 25.3238



17.7712, 15.9600, 13.6992



12.5126, 15.9600, 17.2884

Square

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



17.7712, 15.9600, 13.6992



13.8239, 15.9600, 11.2295



12.8350, 15.9600, 21.6620



16.5997, 15.9600, 25.4390

Rectangle

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



17.7712, 15.9600, 13.6992



15.6975, 15.9600, 10.5686



12.8350, 15.9600, 21.6620



14.6534, 15.9600, 26.6199

Sweetspot

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



17.7716, 15.9607, 13.6995



39.5294, 39.9222, 41.1031



19.6626, 16.1028, 25.5513



8.9730, 9.0050, 9.1885



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.



17.7716, 15.9607, 13.6995



29.1825, 25.0274, 19.7767



20.0411, 20.4996, 14.4560



5.0688, 5.1203, 5.2736



9.7492, 5.2327, 0.4962



0.0691, 0.0435, 0.0047

Inverse Universe

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



18.5746, 22.0978, 28.0974



30.8296, 37.6395, 49.3832



15.9587, 16.8661, 27.2255



5.1328, 5.6085, 6.4179



10.9181, 15.1064, 24.3861



0.0780, 0.1113, 0.1638

Previews

White Background



This preview shows how the XYZ color 17.7712, 15.9600, 13.6992 looks on a white background.

Color Contrast Check

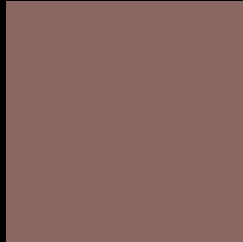
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7712, 15.9600, 13.6992 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 17.7712, 15.9600, 13.6992

Background



This preview shows how black text looks on a background with the XYZ color 17.7712, 15.9600, 13.6992.



This preview shows how white text looks on a background with the XYZ color 17.7712, 15.9600,

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

17.7712, 15.9600, 13.6992

Protanopia

15.3351, 16.0612, 15.1238

Deuteranopia

16.1678, 15.8905, 13.5243



Tritanopia

18.2485, 15.8598, 16.2868

Trichromacy



Original Color

17.7712, 15.9600, 13.6992

Protanomaly

16.1690, 16.0247, 14.5528

Deuteranomaly

16.7250, 15.8718, 13.4913

Tritanomaly

18.1369, 15.9696, 15.2232

Monochromacy



Original Color

17.7712, 15.9600, 13.6992

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3438, 16.2309, 16.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7712, 15.9600, 13.6992 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.7712, 15.9600, 13.6992 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, 98) }
```


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

```
.border{ border-color:rgb(140, 102, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7712, 15.9600, 13.6992 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, 98) }
```

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

```
.background{ background-color: rgb(140,  
102, 98) }
```

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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