

Converting Colors

XYZ(17.7347, 15.2687, 12.7648)

Have a look what the booklet for
XYZ(17.7347, 15.2687, 12.7648)
contains.

XYZ(17.6679, 15.2153, 12.8321)	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(17.6679, 15.2153,
12.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	8F615F
RGB	143, 97, 95
RGB Percent	56%, 38%, 37%
CMY	0.4392, 0.6196, 0.6274
CMYK	0.00, 0.32, 0.34, 0.44
HSL	3°, 20%, 47%
HSV	3°, 34%, 56%
XYZ	17.6679, 15.2153, 12.8321
YIQ	110.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

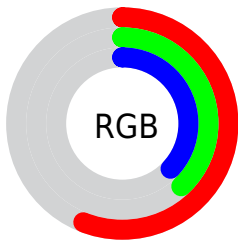
Format	Color
R_{YB}	143, 97, 95
Decimal	9396575
CIE _{Lab}	45.93, 18.43, 8.72
CIE _{LCh}	46, 20.383, 25.315
Yxy	15.2153, 0.3865, 0.3328
Android (android.graphics.Color)	4287586655 (0xFF8F615F)
YUV	110.5260, -7.6543, 28.4797
Hunter-Lab	39.0068, 12.5886, 7.8001

Details

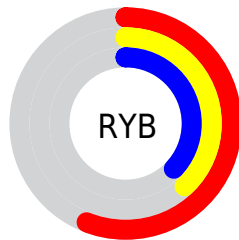
The XYZ color **17.6679, 15.2153, 12.8321** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2016, 23.4646, 29.5035**, and the grayscale version is **14.9884, 15.7690, 17.1724**.

A 20% lighter version of the original color is **38.9894, 35.2299, 31.5331**, and **6.0094, 4.7271, 3.5014** is the 20% darker color. If you saturate the color by 10%, you get **15.9180, 12.6619, 9.3309**, and if you desaturate by 10%, it is **19.7567, 18.2553, 17.0353**.

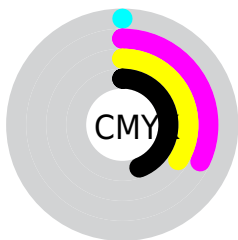
Distribution



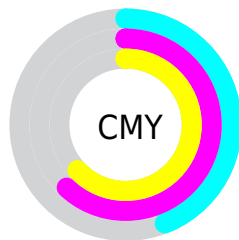
- Red (56%)
- Green (38%)
- Blue (37%)



- Red (56%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (44%)





- Cyan (44%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6679, 15.2153, 12.8321 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 17.6679, 15.2153, 12.8321 by changing the saturation by 10% instead.

 17.6679, 15.2153,
12.8321


 17.6679, 15.2153,
12.8321


232.0744,
224.6657, 221.0087


 10.8101, 8.9706,
7.1837


 39.0052, 35.2304,
31.6886


 6.0056, 4.7220,
3.4970


 54.2153, 49.7697,
45.7337

 2.8892, 2.0851,
1.3537

 72.9402, 67.8426,
63.4148

 1.0954, 0.6562,
0.1052

 95.5453, 89.8336,
85.1504

 0.0213, 0.0000,
0.0000

122.3959,
116.1269, 111.3590

 0.0000, 0.0000,
0.0000

153.8574,

147.1072, 142.4593

190.2951,
183.1586, 178.8696

■ 17.6679, 15.2153,
12.8321

■ 17.6679, 15.2153,
12.8321

■ 15.9180, 12.6619,
9.3309

■ 19.7567, 18.2553,
17.0353

■ 14.4880, 10.5679,
6.4926

■ 22.1997, 21.8031,
21.9750

■ 13.3588, 8.9066,
4.2758

■ 25.0126, 25.8812,
27.6843

■ 12.5091, 7.6479,
2.6338

■ 28.2100, 30.5101,
34.1942

■ 11.9143, 6.7574,
1.5135

■ 31.8056, 35.7092,
41.5338

■ 11.5458, 6.1954,
0.8515

■ 35.8124, 41.4971,
49.7310

■ 11.3924, 5.9692,
0.5517

■ 40.2428, 47.8913,
58.8122

■ 45.1088, 54.9088,
68.8028

■ 50.4219, 62.5658,
79.7270

Harmonies

Analogous

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



18.0211, 15.2153, 17.3540



17.6679, 15.2153, 12.8321



16.4300, 15.2153, 9.9257

Triad

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



17.6679, 15.2153, 12.8321



11.9050, 15.2153, 11.7330



14.1928, 15.2153, 27.9362

Complementary

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



17.6679, 15.2153, 12.8321



19.2016, 23.4646, 29.5035

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.



12.6572, 15.2153, 25.6574



17.6679, 15.2153, 12.8321



11.4048, 15.2153, 15.8039

Square

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



17.6679, 15.2153, 12.8321



13.0909, 15.2153, 9.3851



11.6689, 15.2153, 20.9640



15.9250, 15.2153, 26.7088

Rectangle

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



17.6679, 15.2153, 12.8321



15.3179, 15.2153, 8.9795



11.6689, 15.2153, 20.9640



13.6380, 15.2153, 27.5439

Sweetspot

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



17.6683, 15.2160, 12.8324



41.3711, 41.3884, 42.6273



20.2574, 15.9591, 27.3682



9.3462, 9.2866, 9.4892



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.



17.6683, 15.2160, 12.8324



29.3013, 23.8364, 18.2954



20.1821, 20.2436, 13.6703



5.4258, 5.4579, 5.6569



10.0771, 5.2858, 0.4891



0.0992, 0.0563, 0.0056

Inverse Universe

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



19.2016, 23.4646, 29.5035



32.4637, 40.8602, 52.7138



16.0853, 17.2321, 28.4648



5.5412, 6.0783, 6.9099



12.3011, 17.5883, 25.7236



0.1215, 0.1759, 0.2472

Previews

White Background



This preview shows how the XYZ color 17.6679, 15.2153, 12.8321 looks on a white background.

Color Contrast Check

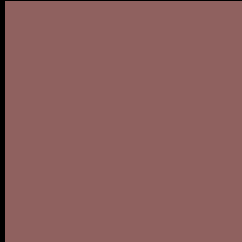
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6679, 15.2153, 12.8321 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 17.6679, 15.2153, 12.8321

Background



This preview shows how black text looks on a background with the XYZ color 17.6679, 15.2153, 12.8321.

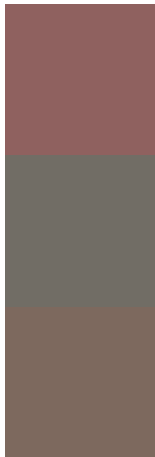


This preview shows how white text looks on a background with the XYZ color 17.6679, 15.2153,

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

17.6679, 15.2153, 12.8321

Protanopia

14.6277, 15.3876, 14.5111

Deuteranopia

15.5294, 15.2713, 12.7188



Tritanopia

18.1327, 15.2743, 14.8245

Trichromacy



Original Color

17.6679, 15.2153, 12.8321

Protanomaly

15.6159, 15.2891, 13.9324

Deuteranomaly

16.2875, 15.2164, 12.6683

Tritanomaly

17.9847, 15.2151, 14.0455

Monochromacy



Original Color

17.6679, 15.2153, 12.8321

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8722, 15.5389, 15.5274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6679, 15.2153, 12.8321 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, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(143, 97, 95)  
}
```

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, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 97, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.6679, 15.2153, 12.8321 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, 97, 95) }
```


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

```
.border{ border-color:rgb(143, 97, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 97, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 97,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6679, 15.2153, 12.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 97, 95) }
```

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

```
.background{ background-color: rgb(143, 97,  
95) }
```

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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