

Converting Colors

XYZ(16.5657, 17.7983, 10.9498)

Have a look what the booklet for
XYZ(16.5657, 17.7983, 10.9498)
contains.

XYZ(16.5657, 17.7983, 10.9498)	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(16.5657, 17.7983,
10.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7554
RGB	126, 117, 84
RGB Percent	49%, 46%, 33%
CMY	0.5059, 0.5412, 0.6706
CMYK	0.00, 0.07, 0.33, 0.51
HSL	47°, 20%, 41%
HSV	47°, 33%, 49%
XYZ	16.5657, 17.7983, 10.9498
YIQ	115.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

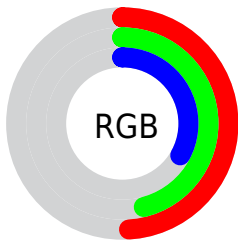
Format	Color
RYB	95, 126, 84
Decimal	8287572
CIELab	49.25, -1.96, 19.49
CIELCh	49, 19.593, 95.739
Yxy	17.7983, 0.3656, 0.3928
Android (android.graphics.Color)	4286477652 (0xFF7E7554)
YUV	115.9290, -15.7410, 8.8323
Hunter-Lab	42.1880, -3.7386, 14.1430

Details

The XYZ color **16.5657, 17.7983, 10.9498** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3363, 11.2195, 21.3068**, and the grayscale version is **16.6224, 17.4880, 19.0444**.

A 20% lighter version of the original color is **37.0814, 39.6809, 28.2590**, and **5.4585, 5.9327, 2.6912** is the 20% darker color. If you saturate the color by 10%, you get **15.8061, 16.9991, 8.4770**, and if you desaturate by 10%, it is **17.4240, 18.6527, 13.8940**.

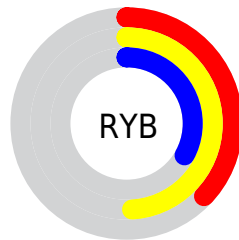
Distribution



Red (49%)

Green (46%)

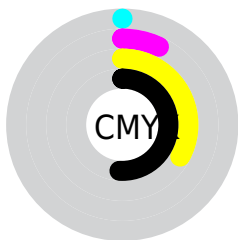
Blue (33%)



Red (37%)

Yellow (49%)

Blue (33%)

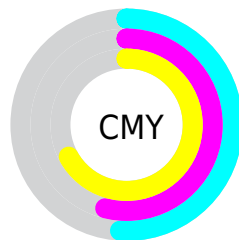


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5657, 17.7983, 10.9498 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 16.5657, 17.7983, 10.9498 by changing the saturation by 10% instead.

■ 16.5657, 17.7983,
10.9498

■ 16.5657, 17.7983,
10.9498

225.8624,
239.7317, 208.0479

■ 10.0187, 10.8053,
5.9193

■ 37.1271, 39.6933,
28.2025

■ 5.4737, 5.9361,
2.7281

■ 51.8722, 55.3641,
41.2619

■ 2.5654, 2.8062,
0.9575

■ 70.0808, 74.6963,
57.8346

■ 0.9283, 1.0314,
0.0000

■ 92.1181, 98.0743,
78.3393

■ 0.0000, 0.0000,
0.0000

■ 118.3496,
125.8824, 103.1944

149.1406,

158.5051, 132.8185

184.8564,
196.3267, 167.6301

■ 16.5657, 17.7983,
10.9498

■ 16.5657, 17.7983,
10.9498

■ 15.8061, 16.9991,
8.4770

■ 17.4240, 18.6527,
13.8940

■ 15.1392, 16.2508,
6.4495

■ 18.3843, 19.5620,
17.3317

■ 14.5600, 15.5518,
4.8400

■ 19.4511, 20.5285,
21.2850

■ 14.0626, 14.8997,
3.6181

■ 20.6284, 21.5542,
25.7743

■ 13.6405, 14.2917,
2.7492

■ 21.9199, 22.6405,
30.8190

■ 13.2854, 13.7244,
2.1901

■ 23.3291, 23.7890,
36.4372

■ 13.0669, 13.3611,
1.8903

■ 24.8595, 25.0012,
42.6465

■ 26.5143, 26.2784,
49.4637

■ 28.2967, 27.6221,
56.9048

Harmonies

Analogous

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



18.4114, 17.7983, 11.5365



16.5657, 17.7983, 10.9498



14.9346, 17.7983, 12.2679

Triad

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



16.5657, 17.7983, 10.9498



14.2063, 17.7983, 25.9153



20.3490, 17.7983, 23.8446

Complementary

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



16.5657, 17.7983, 10.9498



11.3363, 11.2195, 21.3068

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.



19.0669, 17.7983, 28.8144



16.5657, 17.7983, 10.9498



15.5052, 17.7983, 30.1535

Square

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



16.5657, 17.7983, 10.9498



13.6372, 17.7983, 20.4095



17.2727, 17.7983, 31.3003



20.6839, 17.7983, 18.3844

Rectangle

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



16.5657, 17.7983, 10.9498



14.1598, 17.7983, 14.2198



17.2727, 17.7983, 31.3003



20.0102, 17.7983, 25.6566

Sweetspot

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



16.5662, 17.7991, 10.9502



32.9219, 34.9496, 32.5652



13.7548, 11.5685, 11.8874



7.4408, 7.9061, 7.2320



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.5662, 17.7991, 10.9502



28.1278, 30.2514, 15.8921



16.0136, 19.1460, 11.2393



4.5896, 4.8680, 4.6178



13.4023, 13.7010, 1.9382



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3363, 11.2195, 21.3068



17.4407, 16.8108, 37.0699



11.7497, 10.3286, 21.1130



4.1778, 4.3496, 5.4326



4.2626, 2.3436, 20.4776



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5657, 17.7983, 10.9498 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 16.5657, 17.7983, 10.9498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

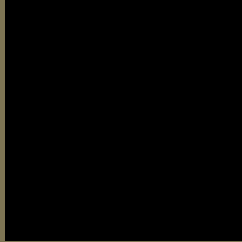
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.5657, 17.7983, 10.9498

Background



This preview shows how black text looks on a background with the XYZ color 16.5657, 17.7983, 10.9498.



This preview shows how white text looks on a background with the XYZ color 16.5657, 17.7983, 10.9498.

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

16.5657, 17.7983, 10.9498

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

18.0813, 17.7332, 11.0642



Tritanopia

18.4513, 17.7146, 20.5359

Trichromacy



Original Color

16.5657, 17.7983, 10.9498

Protanomaly

16.5657, 17.7983, 10.9498

Deuteranomaly

17.4885, 17.7588, 11.1004

Tritanomaly

17.7773, 17.7845, 16.6831

Monochromacy



Original Color

16.5657, 17.7983, 10.9498

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4898, 17.4833, 15.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5657, 17.7983, 10.9498 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(126, 117, 84)` looks like.

```
.text, #text, p{  
    color:rgb(126, 117, 84)  
}
```

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(126, 117, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 117, 84) }
```

Border

The CSS property to change the border of an element to XYZ 16.5657, 17.7983, 10.9498 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(126, 117, 84) }
```


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

```
.border{ border-color:rgb(126, 117, 84) }
```

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

Here you see how a box with a 4 pixel rgb(126, 117, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 117, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 117, 84);  
box-shadow:4px 4px 4px 4px rgb(126, 117,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5657, 17.7983, 10.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 117, 84) }
```

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

```
.background{ background-color: rgb(126,  
117, 84) }
```

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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