

Converting Colors

XYZ(16.4636, 17.4111, 10.3960)

Have a look what the booklet for
XYZ(16.4636, 17.4111, 10.3960)
contains.

XYZ(16.5558, 17.4599, 10.4801)	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(16.5558, 17.4599,
10.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	807352
RGB	128, 115, 82
RGB Percent	50%, 45%, 32%
CMY	0.4980, 0.5490, 0.6784
CMYK	0.00, 0.10, 0.36, 0.50
HSL	43°, 22%, 41%
HSV	43°, 36%, 50%
XYZ	16.5558, 17.4599, 10.4801
YIQ	115.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

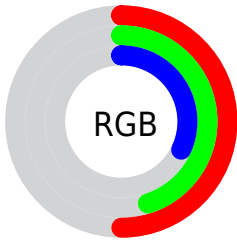
Format	Color
RYB	100, 128, 82
Decimal	8418130
CIELab	48.83, -0.22, 20.13
CIElCh	49, 20.128, 90.629
Yxy	17.4599, 0.3721, 0.3924
Android (android.graphics.Color)	4286608210 (0xFF807352)
YUV	115.1250, -16.3306, 11.2914
Hunter-Lab	41.7850, -2.3997, 14.3790

Details

The XYZ color **16.5558, 17.4599, 10.4801** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.4680, 11.5363, 22.0443**, and the grayscale version is **16.3781, 17.2311, 18.7646**.

A 20% lighter version of the original color is **37.2750, 39.2485, 27.4409**, and **5.4830, 5.7676, 2.5745** is the 20% darker color. If you saturate the color by 10%, you get **15.7093, 16.4749, 8.0150**, and if you desaturate by 10%, it is **17.5103, 18.5152, 13.4300**.

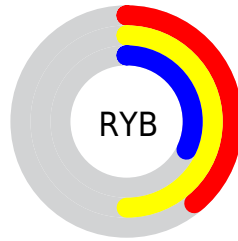
Distribution



Red (50%)

Green (45%)

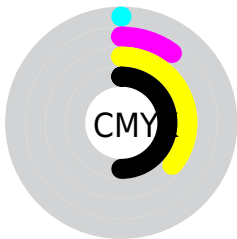
Blue (32%)



Red (39%)

Yellow (50%)

Blue (32%)

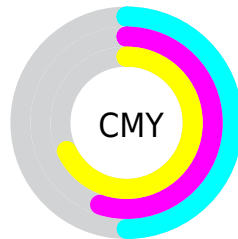


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5558, 17.4599, 10.4801 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 16.5558, 17.4599, 10.4801 by changing the saturation by 10% instead.

■ 16.5558, 17.4599,
10.4801

■ 16.5558, 17.4599,
10.4801

225.8059,
237.8089, 204.6729

■ 10.0116, 10.5629,
5.6087

■ 37.1102, 39.1148,
27.3165

■ 5.4690, 5.7738,
2.5437

■ 51.8510, 54.6416,
40.1185

■ 2.5625, 2.7080,
0.8632

■ 70.0549, 73.8137,
56.4012

■ 0.9269, 0.9813,
0.0000

■ 92.0871, 97.0156,
76.5831

■ 0.0000, 0.0000,
0.0000

■ 118.3129,
124.6317, 101.0826

149.0977,

157.0463, 130.3184

184.8070,
194.6439, 164.7090

■ 16.5558, 17.4599,
10.4801

■ 16.5558, 17.4599,
10.4801

■ 15.7093, 16.4749,
8.0150

■ 17.5103, 18.5152,
13.4300

■ 14.9642, 15.5555,
6.0068

■ 18.5762, 19.6406,
16.8882

■ 14.3151, 14.6998,
4.4266

■ 19.7587, 20.8391,
20.8781

■ 13.7557, 13.9050,
3.2415

■ 21.0618, 22.1126,
25.4212

■ 13.2787, 13.1678,
2.4141

■ 22.4897, 23.4631,
30.5379

■ 12.8718, 12.4830,
1.8804

■ 24.0462, 24.8922,
36.2476

■ 12.7150, 12.2151,
1.6876

■ 25.7348, 26.4018,
42.5687

■ 27.5593, 27.9935,
49.5187

■ 29.5228, 29.6689,
57.1146

Harmonies

Analogous

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



18.4167, 17.4599, 11.3924



16.5558, 17.4599, 10.4801



14.8345, 17.4599, 11.4727

Triad

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



16.5558, 17.4599, 10.4801



13.6969, 17.4599, 24.7374



19.9202, 17.4599, 24.5055

Complementary

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



16.5558, 17.4599, 10.4801



11.4680, 11.5363, 22.0443

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.



18.4898, 17.4599, 29.2873



16.5558, 17.4599, 10.4801



14.8978, 17.4599, 29.4378

Square

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



16.5558, 17.4599, 10.4801



13.2616, 17.4599, 19.1238



16.6345, 17.4599, 31.2394



20.4451, 17.4599, 18.8984

Rectangle

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



16.5558, 17.4599, 10.4801



13.9746, 17.4599, 13.2123



16.6345, 17.4599, 31.2394



19.5243, 17.4599, 26.2975

Sweetspot

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



16.5562, 17.4607, 10.4805



33.6556, 35.5526, 32.9056



13.9865, 11.4507, 12.3076



7.8260, 8.2693, 7.5236



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.5562, 17.4607, 10.4805



27.9348, 29.3355, 14.8924



16.7179, 19.9014, 10.9430



4.5659, 4.8205, 4.6099



12.6091, 12.1146, 1.6738



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4680, 11.5363, 22.0443



17.6121, 17.3227, 38.3716



11.3240, 9.8669, 21.7297



4.2001, 4.3943, 5.4401



4.4950, 2.8085, 20.5551



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5558, 17.4599, 10.4801 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 16.5558, 17.4599, 10.4801 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 16.5558, 17.4599, 10.4801

Background



This preview shows how black text looks on a background with the XYZ color 16.5558, 17.4599, 10.4801.



This preview shows how white text looks on a background with the XYZ color 16.5558, 17.4599,

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

16.5558, 17.4599, 10.4801

Protanopia

16.2258, 17.4600, 10.4976

Deuteranopia

17.7270, 17.3967, 10.6072



Tritanopia

18.4214, 17.3893, 19.8383

Trichromacy



Original Color

16.5558, 17.4599, 10.4801

Protanomaly

16.3726, 17.5356, 10.5044

Deuteranomaly

17.1870, 17.2812, 10.6134

Tritanomaly

17.7558, 17.4542, 16.0688

Monochromacy



Original Color

16.5558, 17.4599, 10.4801

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3246, 17.2338, 15.2980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5558, 17.4599, 10.4801 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(128, 115, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 115, 82)  
}
```

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(128, 115, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 115, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.5558, 17.4599, 10.4801 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(128, 115, 82) }
```


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

```
.border{ border-color:rgb(128, 115, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 115, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 115, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 115, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 115,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5558, 17.4599, 10.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 115, 82) }
```

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

```
.background{ background-color: rgb(128,  
115, 82) }
```

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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