

Converting Colors

XYZ(15.3544, 17.5940, 17.9410)

Have a look what the booklet for
XYZ(15.3544, 17.5940, 17.9410)
contains.

XYZ(15.3500, 17.5458, 17.9069)	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(15.3500, 17.5458,
17.9069)**

Conversions

Conversions Part 1

Format	Color
Hex	687870
RGB	104, 120, 112
RGB Percent	41%, 47%, 44%
CMY	0.5922, 0.5294, 0.5608
CMYK	0.13, 0.00, 0.07, 0.53
HSL	150°, 7%, 44%
HSV	150°, 13%, 47%
XYZ	15.3500, 17.5458, 17.9069
YIQ	114.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

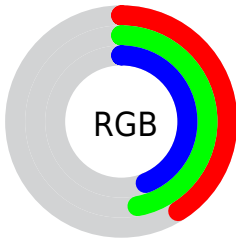
Format	Color
R_{YB}	104, 115, 120
Decimal	6846576
CIE Lab	48.94, -7.63, 2.39
CIE LCh	49, 7.995, 162.605
Yxy	17.5458, 0.3021, 0.3454
Android (android.graphics.Color)	4285036656 (0xFF687870)
YUV	114.3040, -1.1359, -9.0366
Hunter-Lab	41.8877, -7.8911, 3.9751

Details

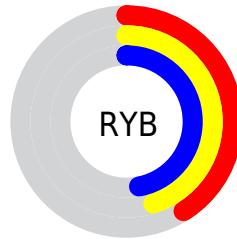
The XYZ color **15.3500, 17.5458, 17.9069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6213, 15.0640, 17.4143**, and the grayscale version is **16.0907, 16.9287, 18.4353**.

A 20% lighter version of the original color is **34.9709, 39.1539, 40.8363**, and **4.9301, 5.8748, 5.7246** is the 20% darker color. If you saturate the color by 10%, you get **13.7320, 16.7495, 16.1450**, and if you desaturate by 10%, it is **17.1895, 18.4547, 19.7962**.

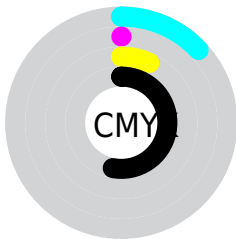
Distribution



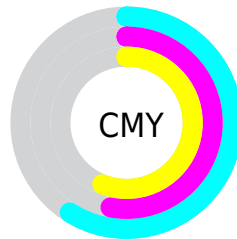
- Red (41%)
- Green (47%)
- Blue (44%)



- Red (41%)
- Yellow (45%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3500, 17.5458, 17.9069 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 15.3500, 17.5458, 17.9069 by changing the saturation by 10% instead.

■ 15.3500, 17.5458,
17.9069

■ 15.3500, 17.5458,
17.9069

218.8216,
238.2983, 252.5642

■ 9.1533, 10.6244,
10.7144

■ 35.0327, 39.2618,
40.6904

■ 4.8992, 5.8149,
5.7634

■ 49.2493, 54.8253,
57.1185

■ 2.2224, 2.7328,
2.6353

■ 66.8701, 74.0382,
77.4623

■ 0.7545, 0.9939,
0.9106

■ 88.2602, 97.2849,
102.1402

■ 0.0000, 0.0000,
0.0000

113.7850,
124.9499, 131.5708

143.8100,

157.4175, 166.1726

178.7004,
195.0722, 206.3643

■ 15.3500, 17.5458,
17.9069

■ 15.3500, 17.5458,
17.9069

■ 13.7320, 16.7495,
16.1450

■ 17.1895, 18.4547,
19.7962

■ 12.3253, 16.0591,
14.5066

■ 19.2573, 19.4782,
21.8143

■ 11.1210, 15.4706,
12.9894

■ 21.5618, 20.6209,
23.9640

■ 10.1090, 14.9789,
11.5905

■ 24.1102, 21.8868,
26.2478

■ 9.2784, 14.5782,
10.3070

■ 26.9099, 23.2794,
28.6680

■ 8.6168, 14.2624,
9.1357

■ 29.9675, 24.8022,
31.2269

■ 8.1106, 14.0244,
8.0732

■ 33.2897, 26.4586,
33.9268

■ 7.7422, 13.8553,
7.1161

■ 36.8827, 28.2516,
36.7699

■ 7.5323, 13.7598,
6.5333

■ 40.7527, 30.1845,
39.7581

Harmonies

Analogous

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



15.7280, 17.5458, 16.2478



15.3500, 17.5458, 17.9069



15.3208, 17.5458, 20.0115

Triad

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



15.3500, 17.5458, 17.9069



16.9905, 17.5458, 23.3829



17.7508, 17.5458, 16.4658

Complementary

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



15.3500, 17.5458, 17.9069



15.6213, 15.0640, 17.4143

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.



18.1105, 17.5458, 18.2252



15.3500, 17.5458, 17.9069



17.6629, 17.5458, 22.2776

Square

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



15.3500, 17.5458, 17.9069



16.2532, 17.5458, 23.2817



18.0778, 17.5458, 20.3541



17.1076, 17.5458, 15.4592

Rectangle

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



15.3500, 17.5458, 17.9069



15.5017, 17.5458, 21.3955



18.0778, 17.5458, 20.3541



17.9097, 17.5458, 16.9830

Sweetspot

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



15.3505, 17.5465, 17.9073



29.9710, 32.3280, 34.5548



15.9318, 17.8954, 15.7114



7.0510, 7.6358, 8.1370



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.3505, 17.5465, 17.9073



26.0868, 30.4109, 30.5232



15.8000, 17.7263, 20.2741



4.0267, 4.4803, 4.6742



8.2097, 15.0075, 7.0893



38.7316, 71.4157, 31.5541

Inverse Universe

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



15.6213, 15.0640, 17.4143



26.6604, 25.1515, 29.4787



15.2088, 14.8990, 15.2423



4.0741, 4.0454, 4.5878



9.3329, 4.7093, 5.0440



44.0893, 22.2920, 21.7979

Previews

White Background



This preview shows how the XYZ color 15.3500, 17.5458, 17.9069 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 15.3500, 17.5458, 17.9069 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

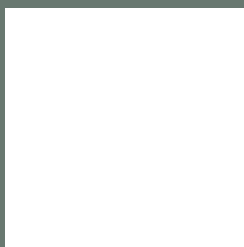
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3500, 17.5458, 17.9069

Background



This preview shows how black text looks on a background with the XYZ color 15.3500, 17.5458, 17.9069.



This preview shows how white text looks on a background with the XYZ color 15.3500, 17.5458,

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

15.3500, 17.5458, 17.9069

Protanopia

16.8056, 17.6096, 17.2651

Deuteranopia

17.7335, 17.3924, 18.3420



Tritanopia

16.3726, 17.6150, 22.6158

Trichromacy



Original Color

15.3500, 17.5458, 17.9069

Protanomaly

16.1700, 17.4477, 17.5544

Deuteranomaly

16.7191, 17.3757, 18.0954

Tritanomaly

16.0535, 17.6630, 20.9755

Monochromacy



Original Color

15.3500, 17.5458, 17.9069

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6564, 16.9980, 18.0786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3500, 17.5458, 17.9069 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(104, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(104, 120, 112)  
}
```

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(104, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 120, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.3500, 17.5458, 17.9069 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(104, 120, 112) }
```


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

```
.border{ border-color:rgb(104, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(104, 120,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3500, 17.5458, 17.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 120, 112) }
```

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

```
.background{ background-color: rgb(104,  
120, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor