

Converting Colors

XYZ(15.4467, 16.4282, 17.8718)

Have a look what the booklet for
XYZ(15.4467, 16.4282, 17.8718)
contains.

XYZ(15.4413, 16.3820, 17.9710)	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(15.4413, 16.3820,
17.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7171
RGB	111, 113, 113
RGB Percent	44%, 44%, 44%
CMY	0.5647, 0.5569, 0.5569
CMYK	0.02, 0.00, 0.00, 0.56
HSL	180°, 1%, 44%
HSV	180°, 2%, 44%
XYZ	15.4413, 16.3820, 17.9710
YIQ	112.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

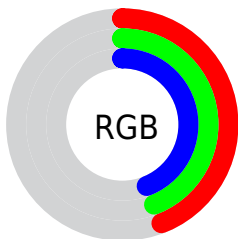
Format	Color
R_{YB}	111, 112, 113
Decimal	7303537
CIE _{Lab}	47.47, -0.76, -0.27
CIE _{LCh}	47, 0.807, 199.768
Yxy	16.3820, 0.3101, 0.3290
Android (android.graphics.Color)	4285493617 (0xFF6F7171)
YUV	112.4020, 0.2948, -1.2296
Hunter-Lab	40.4747, -2.7320, 2.0072

Details

The XYZ color **15.4413, 16.3820, 17.9710** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3643, 16.0277, 17.3236**, and the grayscale version is **15.5190, 16.3272, 17.7804**.

A 20% lighter version of the original color is **35.3509, 37.4134, 40.9556**, and **4.8943, 5.2190, 5.7504** is the 20% darker color. If you saturate the color by 10%, you get **14.1080, 15.6952, 17.9059**, and if you desaturate by 10%, it is **16.9554, 17.1630, 18.0453**.

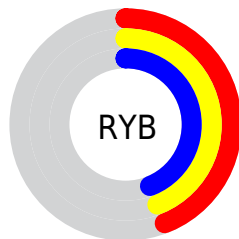
Distribution



Red (44%)

Green (44%)

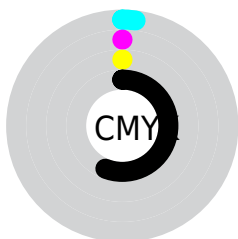
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)

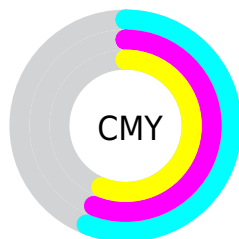


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4413, 16.3820, 17.9710 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 15.4413, 16.3820, 17.9710 by changing the saturation by 10% instead.

■ 15.4413, 16.3820,
17.9710

■ 15.4413, 16.3820,
17.9710

219.3578,
231.5854, 252.9382

■ 9.2180, 9.7949,
10.7599

■ 35.1908, 37.2601,
40.8012

■ 4.9419, 5.2632,
5.7935

■ 49.4478, 52.3199,
57.2574

■ 2.2476, 2.4025,
2.6532

■ 67.1134, 70.9727,
77.6324

■ 0.7677, 0.8272,
0.9197

■ 88.5529, 93.6028,
102.3447

■ 0.0000, 0.0000,
0.0000

114.1318,
120.5948, 131.8129

144.2153,

152.3329, 166.4555

179.1688,
189.2017, 206.6911

■ 15.4413, 16.3820,
17.9710

■ 15.4413, 16.3820,
17.9710

■ 14.1080, 15.6952,
17.9059

■ 16.9554, 17.1630,
18.0453

■ 12.9474, 15.0970,
17.8485

■ 18.6554, 18.0392,
18.1279

■ 11.9530, 14.5844,
17.7989

■ 20.5476, 19.0147,
18.2195

■ 11.1171, 14.1535,
17.7567

■ 22.6379, 20.0922,
18.3204

■ 10.4314, 13.8001,
17.7215

■ 24.9317, 21.2746,
18.4308

■ 9.8872, 13.5196,
17.6930

■ 27.4344, 22.5647,
18.5510

■ 9.4745, 13.3070,
17.6706

■ 30.1511, 23.9652,
18.6812

■ 9.1822, 13.1563,
17.6539

■ 33.0867, 25.4785,
18.8217

■ 8.9972, 13.0610,
17.6422

■ 36.2460, 27.1071,
18.9726

Harmonies

Analogous

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



15.4354, 16.3820, 17.7672



15.4413, 16.3820, 17.9710



15.4818, 16.3820, 18.1402

Triad

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



15.4413, 16.3820, 17.9710



15.6760, 16.3820, 18.0933



15.5951, 16.3820, 17.4517

Complementary

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



15.4413, 16.3820, 17.9710



15.3643, 16.0277, 17.3236

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.



15.6598, 16.3820, 17.5377



15.4413, 16.3820, 17.9710



15.7066, 16.3820, 17.9074

Square

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



15.4413, 16.3820, 17.9710



15.6172, 16.3820, 18.2111



15.7006, 16.3820, 17.7041



15.5240, 16.3820, 17.4684

Rectangle

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



15.4413, 16.3820, 17.9710



15.5230, 16.3820, 18.2100



15.7006, 16.3820, 17.7041



15.6183, 16.3820, 17.4695

Sweetspot

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



15.4418, 16.3827, 17.9714



27.8405, 29.4330, 32.1887



15.3346, 16.3403, 17.3849



6.4434, 6.8093, 7.4443



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.4418, 16.3827, 17.9714



27.5782, 29.2978, 32.1759



15.3345, 16.1680, 17.9361



3.7096, 3.9361, 4.3183



10.0728, 14.7466, 20.0019



50.1752, 73.4587, 99.6284

Inverse Universe

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



15.3643, 16.0277, 17.3236



27.4178, 28.5623, 30.8337



15.4704, 16.2400, 17.3584



3.6907, 3.8496, 4.1603



7.7255, 3.9826, 0.3647



38.4826, 19.8384, 1.8075

Previews

White Background



This preview shows how the XYZ color 15.4413, 16.3820, 17.9710 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 15.4413, 16.3820, 17.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

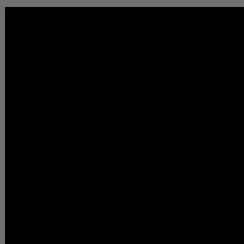
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

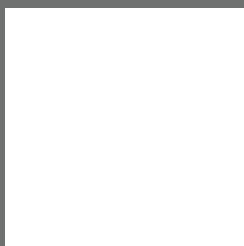
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4413, 16.3820, 17.9710

Background



This preview shows how black text looks on a background with the XYZ color 15.4413, 16.3820, 17.9710.



This preview shows how white text looks on a background with the XYZ color 15.4413, 16.3820,

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

15.4413, 16.3820, 17.9710

Protanopia

15.6582, 16.3356, 17.6570

Deuteranopia

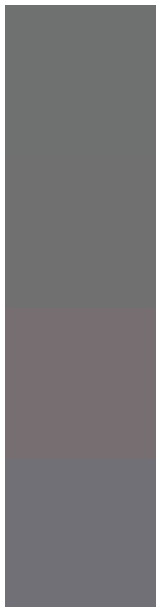
16.6743, 16.3631, 18.1992



Tritanopia

15.9275, 16.4136, 20.4178

Trichromacy



Original Color

15.4413, 16.3820, 17.9710

Protanomaly

15.5289, 16.2689, 17.6510

Deuteranomaly

16.2209, 16.2887, 18.2087

Tritanomaly

15.7463, 16.3411, 19.4638

Monochromacy



Original Color

15.4413, 16.3820, 17.9710

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4009, 16.2029, 17.6450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4413, 16.3820, 17.9710 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(111, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 113, 113)  
}
```

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(111, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.4413, 16.3820, 17.9710 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(111, 113, 113) }
```


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

```
.border{ border-color:rgb(111, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4413, 16.3820, 17.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 113, 113) }
```

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

```
.background{ background-color: rgb(111,  
113, 113) }
```

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