

Converting Colors

XYZ(15.8174, 16.8733, 19.3413)

Have a look what the booklet for
XYZ(15.8174, 16.8733, 19.3413)
contains.

XYZ(15.7720, 16.8608, 19.2528)	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(15.7720, 16.8608,
19.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7375
RGB	110, 115, 117
RGB Percent	43%, 45%, 46%
CMY	0.5686, 0.5490, 0.5412
CMYK	0.06, 0.02, 0.00, 0.54
HSL	197°, 3%, 45%
HSV	197°, 6%, 46%
XYZ	15.7720, 16.8608, 19.2528
YIQ	113.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

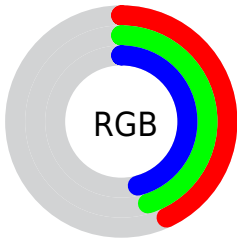
Format	Color
R_{YB}	110, 113, 117
Decimal	7238517
CIE _{Lab}	48.08, -1.47, -1.77
CIE _{LCh}	48, 2.294, 230.311
Yxy	16.8608, 0.3040, 0.3250
Android (android.graphics.Color)	4285428597 (0xFF6E7375)
YUV	113.7330, 1.6106, -3.2738
Hunter-Lab	41.0619, -3.2960, 0.9439

Details

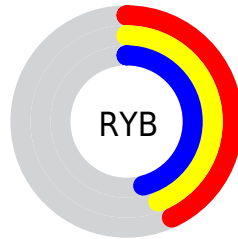
The XYZ color **15.7720, 16.8608, 19.2528** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9448, 16.4958, 17.0957**, and the grayscale version is **15.9108, 16.7394, 18.2292**.

A 20% lighter version of the original color is **35.8804, 38.1834, 43.0151**, and **5.0679, 5.4681, 6.4186** is the 20% darker color. If you saturate the color by 10%, you get **14.0375, 15.4119, 19.0648**, and if you desaturate by 10%, it is **17.7135, 18.4378, 19.4551**.

Distribution



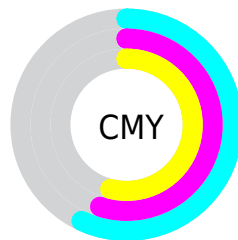
- Red (43%)
- Green (45%)
- Blue (46%)



- Red (43%)
- Yellow (44%)
- Blue (46%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (54%)



- Cyan (57%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7720, 16.8608, 19.2528 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 15.7720, 16.8608, 19.2528 by changing the saturation by 10% instead.

■ 15.7720, 16.8608,
19.2528

■ 15.7720, 16.8608,
19.2528

221.2895,
234.3689, 260.3099

■ 9.4528, 10.1353,
11.6744

■ 35.7626, 38.0863,
43.0032

■ 5.0971, 5.4888,
6.4026

■ 50.1647, 53.3551,
60.0123

■ 2.3397, 2.5368,
3.0187

■ 67.9917, 72.2404,
81.0021

■ 0.8149, 0.8950,
1.1042

■ 89.6092, 95.1266,
106.3911

■ 0.0000, 0.0000,
0.0000

115.3823,
122.3982, 136.5978

145.6765,

154.4395, 172.0409

180.8571,
191.6350, 213.1387

■ 15.7720, 16.8608,
19.2528

■ 15.7720, 16.8608,
19.2528

■ 14.0375, 15.4119,
19.0648

■ 17.7135, 18.4378,
19.4551

■ 12.5010, 14.0849,
18.8897

■ 19.8678, 20.1447,
19.6710

■ 11.1547, 12.8761,
18.7273

■ 22.2421, 21.9860,
19.9013

■ 9.9901, 11.7807,
18.5772

■ 24.8431, 23.9652,
20.1462

■ 8.9978, 10.7937,
18.4390

■ 27.6770, 26.0858,
20.4062

8.1673, 9.9096,
18.3122

30.7498, 28.3511,
20.6815

7.4874, 9.1222,
18.1960

34.0673, 30.7642,
20.9724

6.9448, 8.4246,
18.0899

37.6350, 33.3282,
21.2793

6.5140, 7.8032,
17.9927

41.4583, 36.0460,
21.6024

Harmonies

Analogous

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



15.6541, 16.8608, 18.7584



15.7720, 16.8608, 19.2528



15.9586, 16.8608, 19.5092

Triad

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



15.7720, 16.8608, 19.2528



16.4226, 16.8608, 18.5517



15.8875, 16.8608, 17.3067

Complementary

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



15.7720, 16.8608, 19.2528



15.9448, 16.4958, 17.0957

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.



16.0930, 16.8608, 17.2541



15.7720, 16.8608, 19.2528



16.4031, 16.8608, 17.9644

Square

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



15.7720, 16.8608, 19.2528



16.3350, 16.8608, 19.0987



16.2821, 16.8608, 17.4924



15.7203, 16.8608, 17.6378

Rectangle

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



15.7720, 16.8608, 19.2528



16.0973, 16.8608, 19.5069



16.2821, 16.8608, 17.4924



15.9543, 16.8608, 17.2561

Sweetspot

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



15.7725, 16.8615, 19.2532



29.5652, 31.2758, 34.6156



15.7156, 17.2073, 17.8176



6.8101, 7.2010, 7.9600



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.7725, 16.8615, 19.2532



27.8522, 29.8709, 34.4347



15.3825, 16.0816, 19.1232



3.7780, 4.0523, 4.6733



6.9835, 8.3067, 19.7778



33.2737, 38.9639, 96.1274

Inverse Universe

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



16.0069, 16.1719, 18.4983



28.3535, 28.4049, 32.8184



16.3368, 17.2799, 17.2264



3.8465, 3.8521, 4.4525



9.8221, 4.8625, 9.5372



47.4818, 23.5428, 44.4618

Previews

White Background



This preview shows how the XYZ color 15.7720, 16.8608, 19.2528 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 15.7720, 16.8608, 19.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

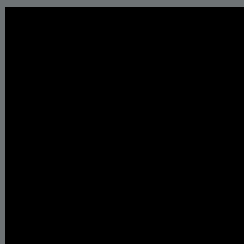
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

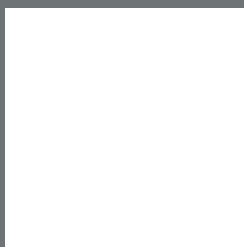
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7720, 16.8608, 19.2528

Background



This preview shows how black text looks on a background with the XYZ color 15.7720, 16.8608, 19.2528.



This preview shows how white text looks on a background with the XYZ color 15.7720, 16.8608,

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

15.7720, 16.8608, 19.2528

Protanopia

16.1277, 16.7160, 18.8995

Deuteranopia

17.1228, 16.8878, 19.4967



Tritanopia

16.1480, 16.8442, 21.1391

Trichromacy



Original Color

15.7720, 16.8608, 19.2528

Protanomaly

15.9798, 16.8063, 18.9247

Deuteranomaly

16.5354, 16.7479, 19.5007

Tritanomaly

16.0240, 16.7946, 20.4863

Monochromacy



Original Color

15.7720, 16.8608, 19.2528

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9219, 16.7831, 18.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7720, 16.8608, 19.2528 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(110, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 117)  
}
```

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(110, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.7720, 16.8608, 19.2528 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(110, 115, 117) }
```


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

```
.border{ border-color:rgb(110, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 115,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7720, 16.8608, 19.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 117) }
```

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

```
.background{ background-color: rgb(110,  
115, 117) }
```

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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