

Converting Colors

XYZ(15.5543, 17.0153, 19.6043)

Have a look what the booklet for
XYZ(15.5543, 17.0153, 19.6043)
contains.

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Color

**XYZ(15.5752, 17.0948,
19.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7576
RGB	106, 117, 118
RGB Percent	42%, 46%, 46%
CMY	0.5843, 0.5412, 0.5373
CMYK	0.10, 0.01, 0.00, 0.54
HSL	185°, 5%, 44%
HSV	185°, 10%, 46%
XYZ	15.5752, 17.0948, 19.6183
YIQ	113.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

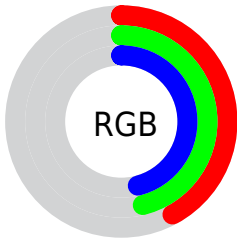
Format	Color
R_{YB}	106, 112, 118
Decimal	6976886
CIE Lab	48.38, -3.88, -1.96
CIE LCh	48, 4.353, 206.804
Yxy	17.0948, 0.2979, 0.3269
Android (android.graphics.Color)	4285166966 (0xFF6A7576)
YUV	113.8250, 2.0583, -6.8625
Hunter-Lab	41.3459, -5.1134, 0.8094

Details

The XYZ color **15.5752, 17.0948, 19.6183** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3305, 15.4075, 15.8019**, and the grayscale version is **15.9377, 16.7677, 18.2601**.

A 20% lighter version of the original color is **35.3483, 38.4463, 43.5880**, and **5.0372, 5.6282, 6.6152** is the 20% darker color. If you saturate the color by 10%, you get **14.1547, 16.1941, 19.5196**, and if you desaturate by 10%, it is **17.1909, 18.0989, 19.7272**.

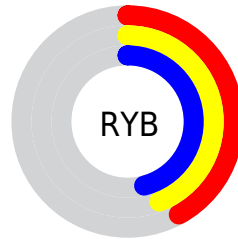
Distribution



Red (42%)

Green (46%)

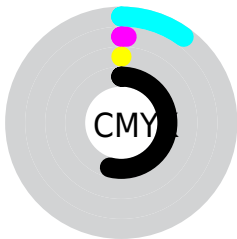
Blue (46%)



Red (42%)

Yellow (44%)

Blue (46%)

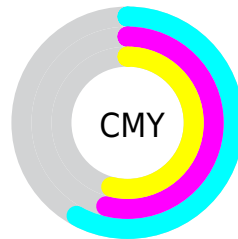


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5752, 17.0948, 19.6183 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 15.5752, 17.0948, 19.6183 by changing the saturation by 10% instead.

■ 15.5752, 17.0948,
19.6183

■ 15.5752, 17.0948,
19.6183

220.1419,
235.7181, 262.3767

■ 9.3130, 10.3021,
11.9366

■ 35.4226, 38.4887,
43.6268

■ 5.0046, 5.5997,
6.5785

■ 49.7385, 53.8587,
60.7907

■ 2.2848, 2.6032,
3.1255

■ 67.4696, 72.8566,
81.9524

■ 0.7869, 0.9283,
1.1591

■ 88.9814, 95.8667,
107.5304

■ 0.0000, 0.0000,
0.0000

114.6391,
123.2736, 137.9433

144.8082,

155.4615, 173.6096

179.8540,
192.8149, 214.9479

■ 15.5752, 17.0948,
19.6183

■ 15.5752, 17.0948,
19.6183

■ 14.1547, 16.1941,
19.5196

■ 17.1909, 18.0989,
19.7272

■ 12.9200, 15.3905,
19.4295

■ 19.0077, 19.2079,
19.8455

■ 11.8633, 14.6804,
19.3482

■ 21.0331, 20.4263,
19.9739

■ 10.9756, 14.0592,
19.2751

■ 23.2737, 21.7574,
20.1128

■ 10.2471, 13.5218,
19.2097

■ 25.7360, 23.2046,
20.2623

■ 9.6669, 13.0626,
19.1517

■ 28.4259, 24.7710,
20.4229

■ 9.2229, 12.6754,
19.1003

■ 31.3495, 26.4596,
20.5947

■ 8.9009, 12.3528,
19.0551

■ 34.5122, 28.2733,
20.7781

■ 8.6523, 12.0724,
19.0140

■ 37.9197, 30.2150,
20.9733

Harmonies

Analogous

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



15.4966, 17.0948, 18.4915



15.5752, 17.0948, 19.6183



15.8331, 17.0948, 20.5064

Triad

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



15.5752, 17.0948, 19.6183



16.8963, 17.0948, 19.8381



16.2908, 17.0948, 16.5116

Complementary

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



15.5752, 17.0948, 19.6183



15.3305, 15.4075, 15.8019

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.



16.6703, 17.0948, 16.8405



15.5752, 17.0948, 19.6183



17.0235, 17.0948, 18.7357

Square

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



15.5752, 17.0948, 19.6183



16.5953, 17.0948, 20.6369



16.9401, 17.0948, 17.6433



15.9058, 17.0948, 16.7266

Rectangle

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



15.5752, 17.0948, 19.6183



16.0742, 17.0948, 20.8276



16.9401, 17.0948, 17.6433



16.4232, 17.0948, 16.5619

Sweetspot

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



15.5757, 17.0955, 19.6187



29.3657, 31.2918, 34.6292



15.0659, 17.0787, 16.3576



6.7045, 7.1653, 7.9586



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.



15.5757, 17.0955, 19.6187



26.8265, 29.7067, 34.4571



14.9205, 15.7851, 19.4003



3.7585, 4.1057, 4.6846



9.3561, 13.0518, 20.5687



45.2905, 62.9977, 100.1330

Inverse Universe

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



15.8366, 15.4443, 18.9769



27.3751, 26.2497, 33.1038



15.9559, 16.6582, 16.0104



3.8141, 3.7529, 4.5480



11.0197, 5.3416, 15.8435



53.5473, 25.9690, 76.4026

Previews

White Background



This preview shows how the XYZ color 15.5752, 17.0948, 19.6183 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 15.5752, 17.0948, 19.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

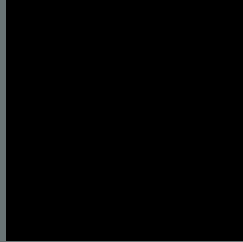
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

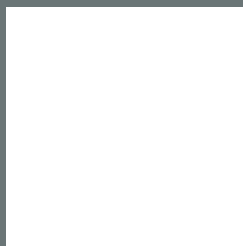
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5752, 17.0948, 19.6183

Background



This preview shows how black text looks on a background with the XYZ color 15.5752, 17.0948, 19.6183.



This preview shows how white text looks on a background with the XYZ color 15.5752, 17.0948,

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

15.5752, 17.0948, 19.6183

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

16.0105, 17.0973, 21.8583

Trichromacy



Original Color

15.5752, 17.0948, 19.6183

Protanomaly

16.0237, 16.9906, 19.2646

Deuteranomaly

16.5710, 16.9241, 19.8460

Tritanomaly

15.8216, 17.0217, 20.8640

Monochromacy



Original Color

15.5752, 17.0948, 19.6183

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7808, 16.8788, 18.6458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5752, 17.0948, 19.6183 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(106, 117, 118)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 118)  
}
```

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(106, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.5752, 17.0948, 19.6183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

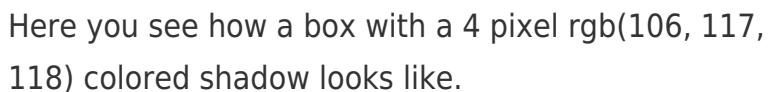
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 117, 118) }
```


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

```
.border{ border-color:rgb(106, 117, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 117, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 118);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5752, 17.0948, 19.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 118) }
```

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

```
.background{ background-color: rgb(106,  
117, 118) }
```

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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