

Converting Colors

XYZ(15.6904, 19.2714, 11.0513)

Have a look what the booklet for
XYZ(15.6904, 19.2714, 11.0513)
contains.

XYZ(15.7109, 19.3779, 11.0959)	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(15.7109, 19.3779,
11.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8053
RGB	110, 128, 83
RGB Percent	43%, 50%, 33%
CMY	0.5686, 0.4980, 0.6745
CMYK	0.14, 0.00, 0.35, 0.50
HSL	84°, 21%, 41%
HSV	84°, 35%, 50%
XYZ	15.7109, 19.3779, 11.0959
YIQ	117.4880, 3.7170, -17.8110

Conversions

Conversions Part 2

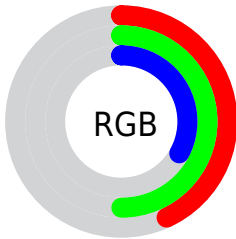
Format	Color
R_{YB}	83, 128, 101
Decimal	7241811
CIE _{Lab}	51.13, -14.93, 22.32
CIE _{LCh}	51, 26.853, 123.789
Yxy	19.3779, 0.3402, 0.4196
Android (android.graphics.Color)	4285431891 (0xFF6E8053)
YUV	117.4880, -17.0026, -6.5670
Hunter-Lab	44.0203, -13.3288, 15.8694

Details

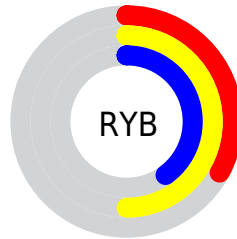
The XYZ color **15.7109, 19.3779, 11.0959** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3573, 10.5123, 21.8010**, and the grayscale version is **17.1110, 18.0021, 19.6042**.

A 20% lighter version of the original color is **35.6578, 42.4226, 28.4993**, and **5.0544, 6.7176, 2.7805** is the 20% darker color. If you saturate the color by 10%, you get **14.6430, 18.8799, 8.7001**, and if you desaturate by 10%, it is **16.9079, 19.9331, 13.9749**.

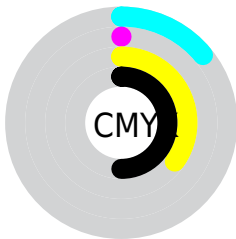
Distribution



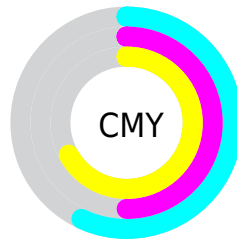
- Red (43%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7109, 19.3779, 11.0959 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 15.7109, 19.3779, 11.0959 by changing the saturation by 10% instead.

■ 15.7109, 19.3779,
11.0959

■ 15.7109, 19.3779,
11.0959

220.9338,
248.5271, 209.0853

■ 9.4094, 11.9437,
6.0164

■ 35.6571, 42.3717,
28.4767

■ 5.0684, 6.7053,
2.7861

■ 50.0325, 58.7000,
41.6151

■ 2.3226, 3.2785,
0.9865

■ 67.8298, 78.7619,
58.2769

■ 0.8062, 1.2788,
0.0000

■ 89.4145, 102.9416,
78.8806

■ 0.0000, 0.1247,
0.0000

■ 115.1519,
131.6235, 103.8447

■ 0.0000, 0.0000,
0.0000

145.4073,

165.1922, 133.5879

180.5462,
204.0319, 168.5285

■ 15.7109, 19.3779,
11.0959

■ 15.7109, 19.3779,
11.0959

■ 14.6430, 18.8799,
8.7001

■ 16.9079, 19.9331,
13.9749

■ 13.6970, 18.4342,
6.7598

■ 18.2378, 20.5452,
17.3603

■ 12.8673, 18.0391,
5.2462

■ 19.7060, 21.2169,
21.2755

■ 12.1472, 17.6919,
4.1270

■ 21.3171, 21.9503,
25.7418

■ 11.5288, 17.3893,
3.3649

■ 23.0755, 22.7471,
30.7795

■ 11.0009, 17.1269,
2.9040

■ 24.9854, 23.6091,
36.4078

■ 10.7636, 17.0084,
2.7157

■ 27.0509, 24.5379,
42.6450

■ 29.2757, 25.5352,
49.5088

■ 31.6636, 26.6026,
57.0158

Harmonies

Analogous

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



18.0813, 19.3779, 9.5759



15.7109, 19.3779, 11.0959



14.1898, 19.3779, 15.2546

Triad

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



15.7109, 19.3779, 11.0959



16.2447, 19.3779, 37.2085



24.0234, 19.3779, 20.1436

Complementary

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



15.7109, 19.3779, 11.0959



12.3573, 10.5123, 21.8010

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.



23.4126, 19.3779, 28.2733



15.7109, 19.3779, 11.0959



18.7591, 19.3779, 39.4079

Square

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



15.7109, 19.3779, 11.0959



14.4765, 19.3779, 30.3660



21.4197, 19.3779, 35.8098



23.0172, 19.3779, 13.9402

Rectangle

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



15.7109, 19.3779, 11.0959



13.7761, 19.3779, 19.5499



21.4197, 19.3779, 35.8098



24.0009, 19.3779, 22.7284

Sweetspot

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



15.7114, 19.3788, 11.0963



33.0884, 36.6199, 33.1416



15.1179, 14.5218, 10.1901



7.6807, 8.5434, 7.5842



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.



15.7114, 19.3788, 11.0963



26.1730, 33.4234, 16.1708



13.2585, 18.1142, 10.9815



4.5040, 4.9363, 4.6355



10.6739, 16.8650, 2.6927



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.3573, 10.5123, 21.8010



19.3652, 15.4184, 37.9117



15.2304, 11.9935, 21.9355



4.2590, 4.2891, 5.4167



5.2291, 2.2494, 20.4085



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7109, 19.3779, 11.0959 looks on a white 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

Black Background



This preview shows how the XYZ color 15.7109, 19.3779, 11.0959 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

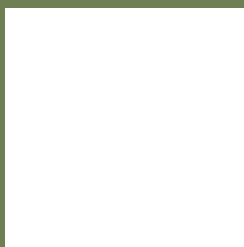
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7109, 19.3779, 11.0959

Background



This preview shows how black text looks on a background with the XYZ color 15.7109, 19.3779, 11.0959.



This preview shows how white text looks on a background with the XYZ color 15.7109, 19.3779,

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

15.7109, 19.3779, 11.0959

Protanopia

17.9232, 19.4038, 10.3901

Deuteranopia

19.6022, 19.1824, 11.4735



Tritanopia

18.4605, 19.3669, 24.5950

Trichromacy



Original Color

15.7109, 19.3779, 11.0959

Protanomaly

17.0050, 19.2945, 10.6125

Deuteranomaly

17.8719, 18.9944, 11.3187

Tritanomaly

17.1843, 19.2076, 18.7213

Monochromacy



Original Color

15.7109, 19.3779, 11.0959

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.3266, 18.2721, 16.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7109, 19.3779, 11.0959 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, 128, 83)` looks like.

```
.text, #text, p{  
    color:rgb(110, 128, 83)  
}
```

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, 128, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.7109, 19.3779, 11.0959 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, 128, 83) }
```


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

```
.border{ border-color:rgb(110, 128, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 128, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 83);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7109, 19.3779, 11.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 128, 83) }
```

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

```
.background{ background-color: rgb(110,  
128, 83) }
```

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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