

Converting Colors

XYZ(15.9176, 18.7160, 11.3679)

Have a look what the booklet for
XYZ(15.9176, 18.7160, 11.3679)
contains.

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Color

**XYZ(15.9176, 18.7160,
11.3679)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 737C55 |
| RGB | 115, 124, 85 |
| RGB Percent | 45%, 49%, 33% |
| CMY | 0.5490, 0.5137, 0.6667 |
| CMYK | 0.07, 0.00, 0.31, 0.51 |
| HSL | 74°, 19%, 41% |
| HSV | 74°, 31%, 49% |
| XYZ | 15.9176, 18.7160, 11.3679 |
| YIQ | 116.8630, 7.1550, -14.0370 |

Conversions

Conversions Part 2

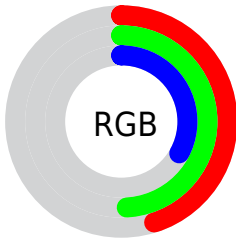
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 85, 124, 94 |
| Decimal | 7568469 |
| CIELab | 50.35, -10.40, 20.23 |
| CIElCh | 50, 22.745, 117.217 |
| Yxy | 18.7160, 0.3460, 0.4069 |
| Android (android.graphics.Color) | 4285758549 (0xFF737C55) |
| YUV | 116.8630, -15.7085, -1.6339 |
| Hunter-Lab | 43.2620, -10.0321, 14.7038 |

Details

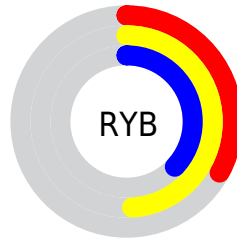
The XYZ color **15.9176, 18.7160, 11.3679** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.5033, 10.3324, 20.4578**, and the grayscale version is **16.9120, 17.7928, 19.3763**.

A 20% lighter version of the original color is **36.0317, 41.4090, 29.0153**, and **5.1291, 6.3369, 2.8723** is the 20% darker color. If you saturate the color by 10%, you get **15.0971, 18.3456, 8.9795**, and if you desaturate by 10%, it is **16.8371, 19.1286, 14.2124**.

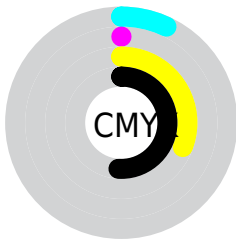
Distribution



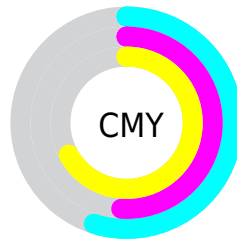
- Red (45%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (37%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9176, 18.7160, 11.3679 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 15.9176, 18.7160, 11.3679 by changing the saturation by 10% instead.

■ 15.9176, 18.7160,
11.3679

■ 15.9176, 18.7160,
11.3679

222.1350,
244.8764, 211.0017

■ 9.5563, 11.4652,
6.1976

■ 36.0137, 41.2537,
28.9855

■ 5.1658, 6.3807,
2.8949

■ 50.4792, 57.3093,
42.2698

■ 2.3806, 3.0779,
1.0412

■ 68.3769, 77.0688,
59.0959

■ 0.8354, 1.1725,
0.0000

■ 90.0721, 100.9164,
79.8823

■ 0.0000, 0.0391,
0.0000

■ 115.9302,
129.2366, 105.0476

■ 0.0000, 0.0000,
0.0000

146.3164,

162.4137, 135.0102

181.5962,
200.8322, 170.1887

■ 15.9176, 18.7160,
11.3679

■ 15.9176, 18.7160,
11.3679

■ 15.0971, 18.3456,
8.9795

■ 16.8371, 19.1286,
14.2124

■ 14.3697, 18.0132,
7.0223

■ 17.8584, 19.5826,
17.5339

■ 13.7306, 17.7174,
5.4709

■ 18.9861, 20.0806,
21.3533

■ 13.1744, 17.4561,
4.2964

■ 20.2239, 20.6240,
25.6901

■ 12.6948, 17.2267,
3.4666

■ 21.5754, 21.2143,
30.5625

■ 12.2845, 17.0264,
2.9435

■ 23.0440, 21.8528,
35.9880

■ 11.9670, 16.8694,
2.6254

■ 24.6330, 22.5410,
41.9832

■ 26.3456, 23.2799,
48.5642

■ 28.1846, 24.0709,
55.7463

Harmonies

Analogous

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



17.9958, 18.7160, 10.4893



15.9176, 18.7160, 11.3679



14.4541, 18.7160, 14.4803

Triad

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



15.9176, 18.7160, 11.3679



15.5885, 18.7160, 32.4009



22.3738, 18.7160, 20.9743

Complementary

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



15.9176, 18.7160, 11.3679



11.5033, 10.3324, 20.4578

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.



21.6011, 18.7160, 27.6938



15.9176, 18.7160, 11.3679



17.5838, 18.7160, 35.0897

Square

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



15.9176, 18.7160, 11.3679



14.2754, 18.7160, 26.4587



19.8016, 18.7160, 33.2114



21.8364, 18.7160, 15.3094

Rectangle

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



15.9176, 18.7160, 11.3679



13.9627, 18.7160, 17.8058



19.8016, 18.7160, 33.2114



22.2573, 18.7160, 23.1879

Sweetspot

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



15.9181, 18.7168, 11.3683



31.8527, 34.6485, 32.2813



13.9065, 12.8494, 10.3418



7.4459, 8.1355, 7.4160



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9181, 18.7168, 11.3683



26.9186, 32.4424, 16.7993



13.6771, 17.5616, 11.2634



4.2216, 4.5895, 4.2879



12.1626, 17.1473, 2.6687



57.2462, 81.3969, 12.6940

Inverse Universe

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



11.5033, 10.3324, 20.4578



17.8210, 15.1562, 35.5428



13.6908, 11.4600, 20.5602



3.8763, 3.9341, 4.9982



4.2007, 1.7383, 19.4994



19.4028, 7.9645, 92.9845

Previews

White Background



This preview shows how the XYZ color 15.9176, 18.7160, 11.3679 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 15.9176, 18.7160, 11.3679 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

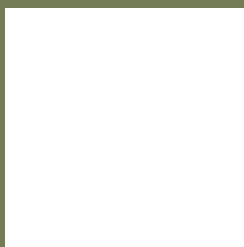
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9176, 18.7160, 11.3679

Background



This preview shows how black text looks on a background with the XYZ color 15.9176, 18.7160, 11.3679.



This preview shows how white text looks on a background with the XYZ color 15.9176, 18.7160,

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

15.9176, 18.7160, 11.3679

Protanopia

17.3311, 18.7246, 10.8844

Deuteranopia

19.0064, 18.7004, 11.6246



Tritanopia

18.3783, 18.8171, 23.0855

Trichromacy



Original Color

15.9176, 18.7160, 11.3679

Protanomaly

16.7498, 18.5999, 11.0948

Deuteranomaly

17.6739, 18.5343, 11.4501

Tritanomaly

17.3698, 18.7665, 18.0361

Monochromacy



Original Color

15.9176, 18.7160, 11.3679

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4687, 18.1659, 16.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9176, 18.7160, 11.3679 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(115, 124, 85)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 85)  
}
```

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(115, 124, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.9176, 18.7160, 11.3679 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(115, 124, 85) }
```


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

```
.border{ border-color:rgb(115, 124, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 124, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 85);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9176, 18.7160, 11.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 85) }
```

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

```
.background{ background-color: rgb(115,  
124, 85) }
```

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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