

Converting Colors

XYZ(15.3155, 18.2393, 17.3390)

Have a look what the booklet for
XYZ(15.3155, 18.2393, 17.3390)
contains.

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Color

**XYZ(15.3890, 18.3078,
17.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	657C6E
RGB	101, 124, 110
RGB Percent	40%, 49%, 43%
CMY	0.6039, 0.5137, 0.5686
CMYK	0.19, 0.00, 0.11, 0.51
HSL	143°, 10%, 44%
HSV	143°, 19%, 49%
XYZ	15.3890, 18.3078, 17.4745
YIQ	115.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

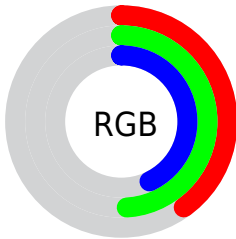
Format	Color
RYB	101, 118, 124
Decimal	6650990
CIELab	49.87, -11.39, 4.88
CIElCh	50, 12.394, 156.826
Yxy	18.3078, 0.3007, 0.3578
Android (android.graphics.Color)	4284841070 (0xFF657C6E)
YUV	115.5270, -2.7248, -12.7402
Hunter-Lab	42.7876, -10.6790, 5.7372

Details

The XYZ color **15.3890, 18.3078, 17.4745** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0611, 14.8308, 18.2368**, and the grayscale version is **16.4664, 17.3239, 18.8657**.

A 20% lighter version of the original color is **35.1926, 40.7283, 40.1889**, and **4.9069, 6.1642, 5.4886** is the 20% darker color. If you saturate the color by 10%, you get **13.7104, 17.4885, 15.3413**, and if you desaturate by 10%, it is **17.3131, 19.2507, 19.8028**.

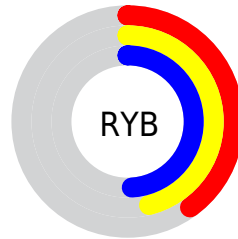
Distribution



Red (40%)

Green (49%)

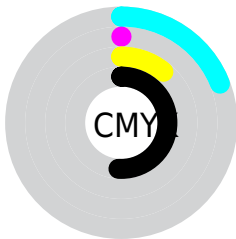
Blue (43%)



Red (40%)

Yellow (46%)

Blue (49%)

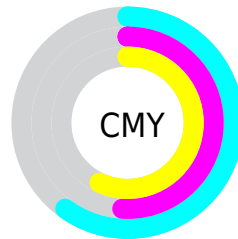


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3890, 18.3078, 17.4745 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 15.3890, 18.3078, 17.4745 by changing the saturation by 10% instead.

■ 15.3890, 18.3078,
17.4745

■ 15.3890, 18.3078,
17.4745

219.0508,
242.6003, 250.0280

■ 9.1809, 11.1712,
10.4079

■ 35.1003, 40.5611,
39.9416

■ 4.9174, 6.1821,
5.5611

■ 49.3342, 56.4466,
56.1791

■ 2.2332, 2.9561,
2.5156

■ 66.9740, 76.0172,
76.3107

■ 0.7601, 1.1089,
0.8484

■ 88.3853, 99.6573,
100.7548

■ 0.0000, 0.0000,
0.0000

113.9332,
127.7512, 129.9301

143.9832,

160.6834, 164.2550

178.9006,
198.8383, 204.1481

■ 15.3890, 18.3078,
17.4745

■ 15.3890, 18.3078,
17.4745

■ 13.7104, 17.4885,
15.3413

■ 17.3131, 19.2507,
19.8028

■ 12.2657, 16.7852,
13.3970

■ 19.4909, 20.3197,
22.3297

■ 11.0443, 16.1932,
11.6366

■ 21.9320, 21.5202,
25.0604

■ 10.0343, 15.7066,
10.0548

■ 24.6449, 22.8565,
27.9993

■ 9.2228, 15.3186,
8.6458

■ 27.6378, 24.3328,
31.1507

■ 8.5952, 15.0219,
7.4035

■ 30.9188, 25.9530,
34.5190

■ 8.1347, 14.8080,
6.3215

■ 34.4952, 27.7210,
38.1082

■ 7.7979, 14.6545,
5.3916

■ 38.3744, 29.6404,
41.9222

■ 7.7522, 14.6337,
5.2686

■ 42.5634, 31.7148,
45.9650

Harmonies

Analogous

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



16.0705, 18.3078, 15.1530



15.3890, 18.3078, 17.4745



15.2350, 18.3078, 20.7199

Triad

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



15.3890, 18.3078, 17.4745



17.6733, 18.3078, 27.1418



19.2896, 18.3078, 16.2725

Complementary

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



15.3890, 18.3078, 17.4745



16.0611, 14.8308, 18.2368

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.



19.7632, 18.3078, 19.1684



15.3890, 18.3078, 17.4745



18.8030, 18.3078, 25.6279

Square

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



15.3890, 18.3078, 17.4745



16.5196, 18.3078, 26.5560



19.5812, 18.3078, 22.6143



18.3133, 18.3078, 14.5161

Rectangle

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



15.3890, 18.3078, 17.4745



15.4456, 18.3078, 23.0268



19.5812, 18.3078, 22.6143



19.5148, 18.3078, 17.1315

Sweetspot

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



15.3895, 18.3086, 17.4749



31.3465, 34.3072, 35.8844



16.6517, 19.0130, 15.1045



7.3384, 8.0582, 8.3995



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.



15.3895, 18.3086, 17.4749



25.8562, 31.6187, 29.2182



16.0458, 18.5711, 20.9308



4.0098, 4.4735, 4.5854



7.8793, 14.8754, 5.3493



37.1932, 70.8003, 23.4532

Inverse Universe

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



16.0611, 14.8308, 18.2368



27.2525, 24.3868, 30.8012



15.4491, 14.5860, 15.0141



4.0912, 4.0522, 4.6778



9.7568, 4.8789, 7.2763



46.1139, 23.1019, 32.4595

Previews

White Background



This preview shows how the XYZ color 15.3890, 18.3078, 17.4745 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 15.3890, 18.3078, 17.4745 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

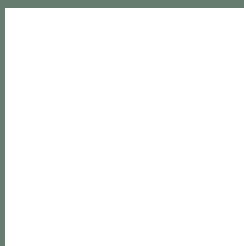
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3890, 18.3078, 17.4745

Background



This preview shows how black text looks on a background with the XYZ color 15.3890, 18.3078, 17.4745.

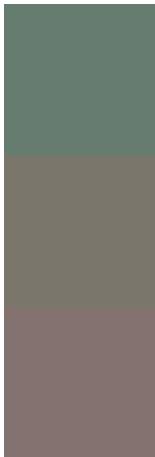


This preview shows how white text looks on a background with the XYZ color 15.3890, 18.3078,

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

15.3890, 18.3078, 17.4745

Protanopia

17.3007, 18.2294, 16.5167

Deuteranopia

18.4577, 18.1100, 17.8520



Tritanopia

16.7598, 18.3167, 24.1249

Trichromacy



Original Color

15.3890, 18.3078, 17.4745

Protanomaly

16.4935, 18.1605, 16.8234

Deuteranomaly

17.2328, 18.1695, 17.6377

Tritanomaly

16.2436, 18.2922, 21.4135

Monochromacy



Original Color

15.3890, 18.3078, 17.4745

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1896, 17.7881, 18.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3890, 18.3078, 17.4745 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(101, 124, 110)` looks like.

```
.text, #text, p{  
    color:rgb(101, 124, 110)  
}
```

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(101, 124, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 124, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.3890, 18.3078, 17.4745 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(101, 124, 110) }
```


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

```
.border{ border-color:rgb(101, 124, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 124, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 124, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 124, 110);  
box-shadow:4px 4px 4px 4px rgb(101, 124,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3890, 18.3078, 17.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 124, 110) }
```

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

```
.background{ background-color: rgb(101,  
124, 110) }
```

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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