

Converting Colors

XYZ(15.5132, 19.3343, 17.5447)

Have a look what the booklet for
XYZ(15.5132, 19.3343, 17.5447)
contains.

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Color

**XYZ(15.4886, 19.3131,
17.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	60816E
RGB	96, 129, 110
RGB Percent	38%, 51%, 43%
CMY	0.6235, 0.4941, 0.5686
CMYK	0.26, 0.00, 0.15, 0.49
HSL	145°, 15%, 44%
HSV	145°, 26%, 51%
XYZ	15.4886, 19.3131, 17.6633
YIQ	116.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

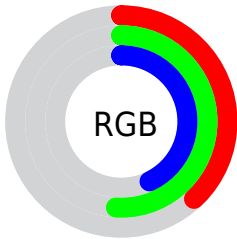
Format	Color
R_{YB}	96, 119, 129
Decimal	6324590
CIE _{Lab}	51.05, -15.91, 6.53
CIE _{LCh}	51, 17.199, 157.690
Yxy	19.3131, 0.2952, 0.3681
Android (android.graphics.Color)	4284514670 (0xFF60816E)
YUV	116.9670, -3.4347, -18.3881
Hunter-Lab	43.9467, -13.9960, 6.9325

Details

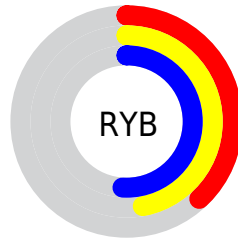
The XYZ color **15.4886, 19.3131, 17.6633** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3313, 14.2711, 18.1144**, and the grayscale version is **16.9120, 17.7928, 19.3763**.

A 20% lighter version of the original color is **35.2822, 42.2676, 40.4813**, and **4.9571, 6.7135, 5.5920** is the 20% darker color. If you saturate the color by 10%, you get **13.8536, 18.5156, 15.5636**, and if you desaturate by 10%, it is **17.3813, 20.2407, 19.9528**.

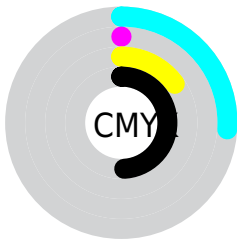
Distribution



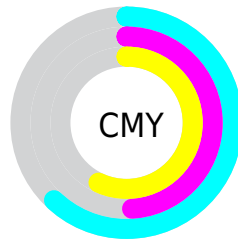
- Red (38%)
- Green (51%)
- Blue (43%)



- Red (38%)
- Yellow (47%)
- Blue (51%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4886, 19.3131, 17.6633 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 15.4886, 19.3131, 17.6633 by changing the saturation by 10% instead.

■ 15.4886, 19.3131,
17.6633

■ 15.4886, 19.3131,
17.6633

219.6351,
248.1718, 251.1384

■ 9.2516, 11.8967,
10.5416

■ 35.2727, 42.2625,
40.2689

■ 4.9640, 6.6734,
5.6492

■ 49.5505, 58.5643,
56.5899

■ 2.2607, 3.2587,
2.5677

■ 67.2393, 78.5968,
76.8144

■ 0.7745, 1.2682,
0.8757

■ 88.7044, 102.7442,
101.3609

■ 0.0000, 0.1164,
0.0000

114.3112,
131.3910, 130.6481

■ 0.0000, 0.0000,
0.0000

144.4250,

164.9216, 165.0943

179.4111,
203.7204, 205.1182

■ 15.4886, 19.3131,
17.6633

■ 15.4886, 19.3131,
17.6633

■ 13.8536, 18.5156,
15.5636

■ 17.3813, 20.2407,
19.9528

■ 12.4631, 17.8397,
13.6477

■ 19.5411, 21.3013,
22.4356

■ 11.3049, 17.2799,
11.9109

■ 21.9787, 22.5012,
25.1167

■ 10.3653, 16.8291,
10.3478

■ 24.7039, 23.8451,
28.0002

■ 9.6289, 16.4796,
8.9528

■ 27.7259, 25.3377,
31.0906

■ 9.0782, 16.2224,
7.7201

■ 31.0535, 26.9835,
34.3918

■ 8.6859, 16.0436,
6.6428

■ 34.6952, 28.7868,
37.9079

■ 8.5336, 15.9744,
6.2136

■ 38.6590, 30.7517,
41.6427

■ 42.9528, 32.8821,
45.6000

Harmonies

Analogous

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



16.4250, 19.3131, 14.4418



15.4886, 19.3131, 17.6633



15.2967, 19.3131, 22.3097

Triad

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



15.4886, 19.3131, 17.6633



18.7985, 19.3131, 31.7682



21.0738, 19.3131, 15.7967

Complementary

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



15.4886, 19.3131, 17.6633



16.3313, 14.2711, 18.1144

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.



21.7994, 19.3131, 19.7976



15.4886, 19.3131, 17.6633



20.4339, 19.3131, 29.3642

Square

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



15.4886, 19.3131, 17.6633



17.1404, 19.3131, 30.9613



21.5583, 19.3131, 24.7965



19.6289, 19.3131, 13.4861

Rectangle

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



15.4886, 19.3131, 17.6633



15.6050, 19.3131, 25.6984



21.5583, 19.3131, 24.7965



21.4139, 19.3131, 16.9620

Sweetspot

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



15.4891, 19.3139, 17.6637



33.9374, 37.6258, 38.9833



17.0654, 20.2077, 14.0676



7.5639, 8.4586, 8.6895



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.



15.4891, 19.3139, 17.6637



25.8837, 33.6804, 29.2802



16.4568, 19.7010, 22.7595



4.3458, 4.8467, 4.9924



8.3220, 15.5754, 6.0686



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3313, 14.2711, 18.1144



27.6738, 22.9584, 30.2352



15.4769, 13.9294, 13.6150



4.4234, 4.3825, 5.0341



10.0434, 5.0370, 6.8181



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4886, 19.3131, 17.6633 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 15.4886, 19.3131, 17.6633 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

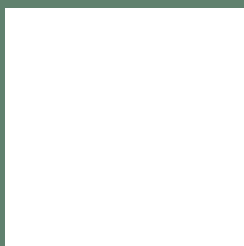
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4886, 19.3131, 17.6633

Background



This preview shows how black text looks on a background with the XYZ color 15.4886, 19.3131, 17.6633.

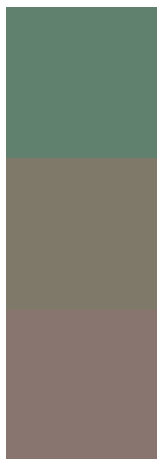


This preview shows how white text looks on a background with the XYZ color 15.4886, 19.3131,

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

15.4886, 19.3131, 17.6633

Protanopia

18.1913, 19.2274, 16.3881

Deuteranopia

19.4393, 19.1267, 17.9965



Tritanopia

17.0736, 19.1832, 25.7245

Trichromacy



Original Color

15.4886, 19.3131, 17.6633

Protanomaly

17.0640, 19.1898, 16.7146

Deuteranomaly

17.5918, 18.8874, 17.7574

Tritanomaly

16.3723, 19.0807, 22.5587

Monochromacy



Original Color

15.4886, 19.3131, 17.6633

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.1813, 18.1409, 18.5683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4886, 19.3131, 17.6633 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(96, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(96, 129, 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(96, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 129, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.4886, 19.3131, 17.6633 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(96, 129, 110) }
```


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

```
.border{ border-color:rgb(96, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(96, 129,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4886, 19.3131, 17.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 129, 110) }
```

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

```
.background{ background-color: rgb(96, 129,  
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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