

Converting Colors

XYZ(15.3568, 17.9526, 18.9740)

Have a look what the booklet for
XYZ(15.3568, 17.9526, 18.9740)
contains.

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Color

**XYZ(15.3096, 17.8662,
18.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	647A73
RGB	100, 122, 115
RGB Percent	39%, 48%, 45%
CMY	0.6078, 0.5216, 0.5490
CMYK	0.18, 0.00, 0.06, 0.52
HSL	161°, 10%, 44%
HSV	161°, 18%, 48%
XYZ	15.3096, 17.8662, 18.8613
YIQ	114.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

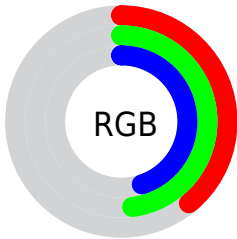
Format	Color
R_{YB}	100, 113, 122
Decimal	6584947
CIE Lab	49.33, -9.56, 1.15
CIE LCh	49, 9.631, 173.116
Yxy	17.8662, 0.2942, 0.3433
Android (android.graphics.Color)	4284775027 (0xFF647A73)
YUV	114.6240, 0.1854, -12.8252
Hunter-Lab	42.2684, -9.3172, 3.1311

Details

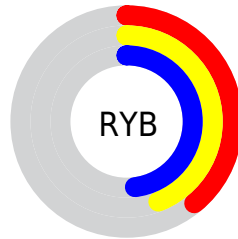
The XYZ color **15.3096, 17.8662, 18.8613** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2377, 14.3140, 15.8705**, and the grayscale version is **16.1842, 17.0270, 18.5424**.

A 20% lighter version of the original color is **34.8736, 39.6414, 42.3727**, and **4.8639, 5.9272, 6.1979** is the 20% darker color. If you saturate the color by 10%, you get **13.8413, 17.1350, 17.6510**, and if you desaturate by 10%, it is **16.9904, 18.7068, 20.1314**.

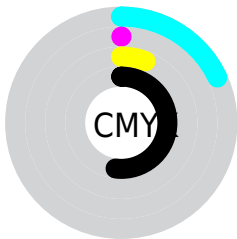
Distribution



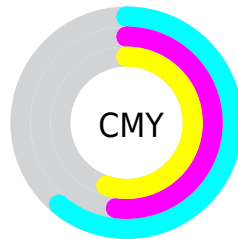
- Red (39%)
- Green (48%)
- Blue (45%)



- Red (39%)
- Yellow (44%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3096, 17.8662, 18.8613 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 15.3096, 17.8662, 18.8613 by changing the saturation by 10% instead.

■ 15.3096, 17.8662,
18.8613

■ 15.3096, 17.8662,
18.8613

218.5840,
240.1158, 258.0791

■ 9.1247, 10.8540,
11.3943

■ 34.9626, 39.8092,
42.3332

■ 4.8804, 5.9687,
6.2152

■ 49.1614, 55.5088,
59.1751

■ 2.2113, 2.8261,
2.9055

■ 66.7623, 74.8729,
79.9791

■ 0.7487, 1.0416,
1.0466

■ 88.1304, 98.2860,
105.1638

■ 0.0000, 0.0000,
0.0000

113.6314,
126.1324, 135.1475

143.6303,

158.7966, 170.3490

178.4928,
196.6629, 211.1867

■ 15.3096, 17.8662,
18.8613

■ 15.3096, 17.8662,
18.8613

■ 13.8413, 17.1350,
17.6510

■ 16.9904, 18.7068,
20.1314

■ 12.5750, 16.5064,
16.4984

■ 18.8908, 19.6590,
21.4612

■ 11.5014, 15.9761,
15.4026

■ 21.0192, 20.7277,
22.8519

■ 10.6099, 15.5386,
14.3628

■ 23.3833, 21.9167,
24.3045

■ 9.8890, 15.1880,
13.3776

■ 25.9903, 23.2299,
25.8199

■ 9.3255, 14.9176,
12.4457

■ 28.8473, 24.6707,
27.3989

■ 8.9045, 14.7196,
11.5660

■ 31.9608, 26.2426,
29.0425

■ 8.5878, 14.5744,
10.7358

■ 35.3373, 27.9489,
30.7515

■ 8.5280, 14.5470,
10.5779

■ 38.9829, 29.7928,
32.5265

Harmonies

Analogous

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



15.6255, 17.8662, 16.6094



15.3096, 17.8662, 18.8613



15.4287, 17.8662, 21.4788

Triad

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



15.3096, 17.8662, 18.8613



17.6745, 17.8662, 24.4128



18.0486, 17.8662, 15.7288

Complementary

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



15.3096, 17.8662, 18.8613



15.2377, 14.3140, 15.8705

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.



18.6346, 17.8662, 17.5593



15.3096, 17.8662, 18.8613



18.4134, 17.8662, 22.6045

Square

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



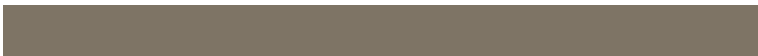
15.3096, 17.8662, 18.8613



16.7733, 17.8662, 24.8396



18.7704, 17.8662, 20.0575



17.1910, 17.8662, 14.9080

Rectangle

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



15.3096, 17.8662, 18.8613



15.7409, 17.8662, 23.0669



18.7704, 17.8662, 20.0575



18.2851, 17.8662, 16.2382

Sweetspot

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



15.3101, 17.8669, 18.8617



30.8231, 33.3766, 36.0860



15.3639, 17.9865, 14.7189



7.0061, 7.6107, 8.2214



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.3101, 17.8669, 18.8617



25.7268, 30.8299, 32.2114



15.2867, 17.1507, 20.9179



4.0554, 4.4918, 4.8253



8.9744, 15.3134, 11.1160



42.4090, 72.8866, 50.9191

Inverse Universe

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



15.2377, 14.3140, 15.8705



25.5728, 23.2562, 25.8371



15.2437, 14.8919, 14.1279



4.0460, 4.0341, 4.4399



8.8291, 4.5078, 2.3912



41.7686, 21.3638, 9.5774

Previews

White Background



This preview shows how the XYZ color 15.3096, 17.8662, 18.8613 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 15.3096, 17.8662, 18.8613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

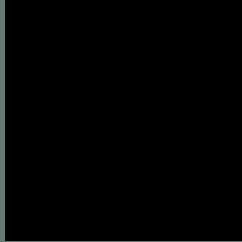
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.3096, 17.8662, 18.8613

Background



This preview shows how black text looks on a background with the XYZ color 15.3096, 17.8662, 18.8613.



This preview shows how white text looks on a background with the XYZ color 15.3096, 17.8662,

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

15.3096, 17.8662, 18.8613

Protanopia

17.0316, 17.8855, 17.8838

Deuteranopia

18.0181, 17.6838, 19.2933



Tritanopia

16.2724, 17.9015, 23.3666

Trichromacy



Original Color

15.3096, 17.8662, 18.8613

Protanomaly

16.3875, 17.8966, 18.2135

Deuteranomaly

16.8690, 17.6033, 19.0317

Tritanomaly

15.9550, 17.9548, 21.6935

Monochromacy



Original Color

15.3096, 17.8662, 18.8613

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0034, 17.5097, 18.7559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3096, 17.8662, 18.8613 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(100, 122, 115)` looks like.

```
.text, #text, p{  
    color:rgb(100, 122, 115)  
}
```

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(100, 122, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 122, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.3096, 17.8662, 18.8613 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(100, 122, 115) }
```


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

```
.border{ border-color:rgb(100, 122, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 122, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 122, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 122, 115);  
box-shadow:4px 4px 4px 4px rgb(100, 122,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3096, 17.8662, 18.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 122, 115) }
```

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

```
.background{ background-color: rgb(100,  
122, 115) }
```

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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