

Converting Colors

XYZ(15.5862, 16.9799, 19.9026)

Have a look what the booklet for
XYZ(15.5862, 16.9799, 19.9026)
contains.

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Color

**XYZ(15.5190, 16.8869,
19.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7477
RGB	106, 116, 119
RGB Percent	42%, 45%, 47%
CMY	0.5843, 0.5451, 0.5333
CMYK	0.11, 0.03, 0.00, 0.53
HSL	194°, 6%, 44%
HSV	194°, 11%, 47%
XYZ	15.5190, 16.8869, 19.8943
YIQ	113.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

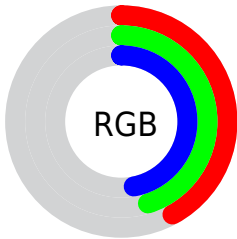
Format	Color
R_{YB}	106, 112, 119
Decimal	6976631
CIE Lab	48.12, -3.08, -2.94
CIE LCh	48, 4.263, 223.641
Yxy	16.8869, 0.2967, 0.3229
Android (android.graphics.Color)	4285166711 (0xFF6A7477)
YUV	113.3520, 2.7845, -6.4477
Hunter-Lab	41.0937, -4.5035, 0.0621

Details

The XYZ color **15.5190, 16.8869, 19.8943** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6779, 15.8996, 15.8785**, and the grayscale version is **15.7945, 16.6170, 18.0959**.

A 20% lighter version of the original color is **35.2579, 38.1136, 44.0265**, and **5.0081, 5.5190, 6.7626** is the 20% darker color. If you saturate the color by 10%, you get **13.8903, 15.5850, 19.7291**, and if you desaturate by 10%, it is **17.3543, 18.3101, 20.0725**.

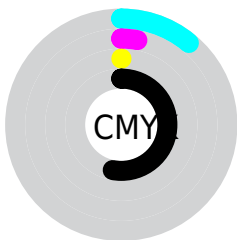
Distribution



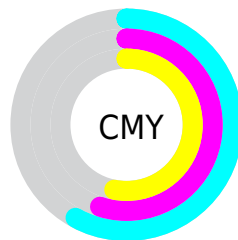
- Red (42%)
- Green (45%)
- Blue (47%)



- Red (42%)
- Yellow (44%)
- Blue (47%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5190, 16.8869, 19.8943 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 15.5190, 16.8869, 19.8943 by changing the saturation by 10% instead.

■ 15.5190, 16.8869,
19.8943

■ 15.5190, 16.8869,
19.8943

219.8131,
234.5198, 263.9276

■ 9.2731, 10.1539,
12.1349

■ 35.3254, 38.1312,
44.0965

■ 4.9783, 5.5011,
6.7120

■ 49.6165, 53.4113,
61.3765

■ 2.2692, 2.5442,
3.2069

■ 67.3202, 72.3092,
82.6670

■ 0.7788, 0.8987,
1.2012

■ 88.8017, 95.2093,
108.3867

■ 0.0000, 0.0000,
0.0000

114.4264,
122.4960, 138.9540

144.5596,

154.5538, 174.7876

179.5667,
191.7669, 216.3060

■ 15.5190, 16.8869,
19.8943

■ 15.5190, 16.8869,
19.8943

■ 13.8903, 15.5850,
19.7291

■ 17.3543, 18.3101,
20.0725

■ 12.4586, 14.3980,
19.5755

■ 19.4024, 19.8565,
20.2631

■ 11.2157, 13.3220,
19.4333

■ 21.6711, 21.5306,
20.4666

■ 10.1524, 12.3521,
19.3021

■ 24.1671, 23.3363,
20.6836

■ 9.2584, 11.4828,
19.1814

■ 26.8972, 25.2769,
20.9143

■ 8.5225, 10.7083,
19.0707

■ 29.8676, 27.3559,
21.1590

■ 7.9320, 10.0220,
18.9694

■ 33.0844, 29.5764,
21.4181

■ 7.4724, 9.4160,
18.8766

■ 36.5535, 31.9417,
21.6918

■ 7.1189, 8.9101,
18.7976

■ 40.2805, 34.4546,
21.9804

Harmonies

Analogous

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



15.3395, 16.8869, 18.8932



15.5190, 16.8869, 19.8943



15.8422, 16.8869, 20.5043

Triad

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



15.5190, 16.8869, 19.8943



16.7737, 16.8869, 18.9926



15.8760, 16.8869, 16.3964

Complementary

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



15.5190, 16.8869, 19.8943



15.6779, 15.8996, 15.8785

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.



16.2606, 16.8869, 16.4206



15.5190, 16.8869, 19.8943



16.7831, 16.8869, 17.8899

Square

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



15.5190, 16.8869, 19.8943



16.5685, 16.8869, 19.9696



16.5940, 16.8869, 16.9578



15.5434, 16.8869, 16.8902

Rectangle

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



15.5190, 16.8869, 19.8943



16.0977, 16.8869, 20.5924



16.5940, 16.8869, 16.9578



16.0034, 16.8869, 16.3449

Sweetspot

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



15.5195, 16.8876, 19.8947



30.3376, 32.2212, 35.8734



15.2913, 17.3582, 16.9610



7.1319, 7.5916, 8.4961



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.



15.5195, 16.8876, 19.8947



27.0557, 29.6601, 35.5521



14.8156, 15.4799, 19.6601



3.7152, 4.0190, 4.6702



7.5560, 9.4516, 19.9687



36.1495, 44.7155, 97.0860

Inverse Universe

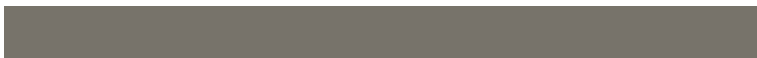
The Inverse Universe completely reimagines the original color for something new.



15.9145, 15.4912, 18.6752



27.9100, 26.6736, 32.9076



16.3764, 17.2966, 16.1113



3.7922, 3.7442, 4.4328



10.1110, 4.9781, 11.0588



48.9333, 24.1234, 52.1056

Previews

White Background



This preview shows how the XYZ color 15.5190, 16.8869, 19.8943 looks on a white background.

Color Contrast Check

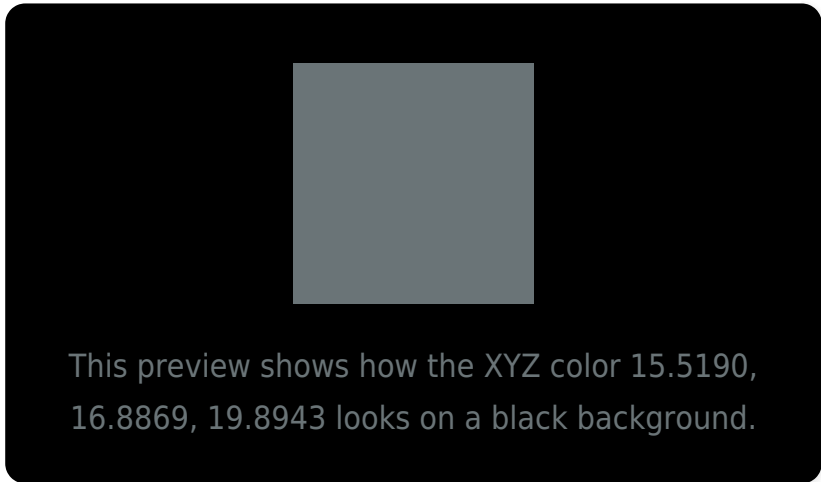
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

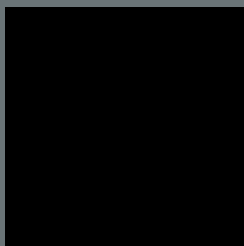
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

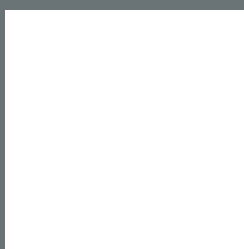
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5190, 16.8869, 19.8943

Background



This preview shows how black text looks on a background with the XYZ color 15.5190, 16.8869, 19.8943.



This preview shows how white text looks on a background with the XYZ color 15.5190, 16.8869,

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

15.5190, 16.8869, 19.8943

Protanopia

16.1862, 16.7394, 19.2076

Deuteranopia

17.1006, 16.8625, 20.1228



Tritanopia

15.8322, 16.8425, 21.4853

Trichromacy



Original Color

15.5190, 16.8869, 19.8943

Protanomaly

15.9694, 16.7874, 19.5381

Deuteranomaly

16.4978, 16.8793, 20.1578

Tritanomaly

15.7070, 16.7924, 20.8258

Monochromacy



Original Color

15.5190, 16.8869, 19.8943

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5422, 16.5874, 18.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5190, 16.8869, 19.8943 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(106, 116, 119)` looks like.

```
.text, #text, p{  
    color:rgb(106, 116, 119)  
}
```

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(106, 116, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 116, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.5190, 16.8869, 19.8943 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(106, 116, 119) }
```


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

```
.border{ border-color:rgb(106, 116, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 116, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 116, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 116, 119);  
box-shadow:4px 4px 4px 4px rgb(106, 116,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5190, 16.8869, 19.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 116, 119) }
```

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

```
.background{ background-color: rgb(106,  
116, 119) }
```

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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