

Converting Colors

XYZ(15.0197, 16.1259, 19.2432)

Have a look what the booklet for
XYZ(15.0197, 16.1259, 19.2432)
contains.

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Color

**XYZ(15.0599, 16.1588,
19.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7175
RGB	106, 113, 117
RGB Percent	42%, 44%, 46%
CMY	0.5843, 0.5569, 0.5412
CMYK	0.09, 0.03, 0.00, 0.54
HSL	202°, 5%, 44%
HSV	202°, 9%, 46%
XYZ	15.0599, 16.1588, 19.1548
YIQ	111.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

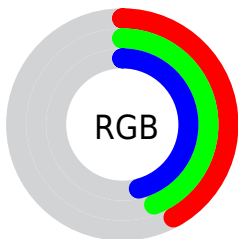
Format	Color
R_{YB}	106, 110, 117
Decimal	6975861
CIE _{Lab}	47.18, -1.78, -3.13
CIE _{LCh}	47, 3.599, 240.426
Yxy	16.1588, 0.2990, 0.3208
Android (android.graphics.Color)	4285165941 (0xFF6A7175)
YUV	111.3630, 2.7790, -4.7034
Hunter-Lab	40.1980, -3.4728, -0.1137

Details

The XYZ color **15.0599, 16.1588, 19.1548** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5136, 15.9743, 15.9017**, and the grayscale version is **15.2086, 16.0007, 17.4247**.

A 20% lighter version of the original color is **34.5212, 36.9429, 42.8474**, and **4.7681, 5.1401, 6.3711** is the 20% darker color. If you saturate the color by 10%, you get **13.3000, 14.5640, 18.9400**, and if you desaturate by 10%, it is **17.0327, 17.8972, 19.3866**.

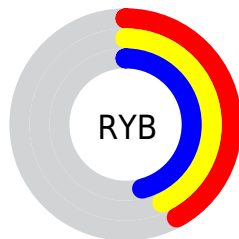
Distribution



Red (42%)

Green (44%)

Blue (46%)



Red (42%)

Yellow (43%)

Blue (46%)

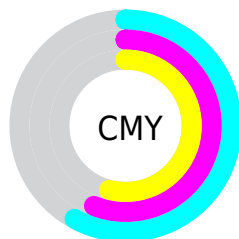


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0599, 16.1588, 19.1548 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 15.0599, 16.1588, 19.1548 by changing the saturation by 10% instead.

■ 15.0599, 16.1588,
19.1548

■ 15.0599, 16.1588,
19.1548

217.1097,
230.2769, 259.7532

■ 8.9480, 9.6366,
11.6042

■ 34.5290, 36.8737,
42.8357

■ 4.7641, 5.1587,
6.3556

■ 48.6170, 51.8351,
59.8031

■ 2.1429, 2.3407,
2.9902

■ 66.0943, 70.3784,
80.7465

■ 0.7124, 0.7951,
1.0896

■ 87.3265, 92.8880,
106.0846

■ 0.0000, 0.0000,
0.0000

112.6787,
119.7483, 136.2357

142.5164,

151.3436, 171.6185

177.2050,
188.0583, 212.6515

■ 15.0599, 16.1588,
19.1548

■ 15.0599, 16.1588,
19.1548

■ 13.3000, 14.5640,
18.9400

■ 17.0327, 17.8972,
19.3866

■ 11.7436, 13.1063,
18.7407

■ 19.2246, 19.7815,
19.6348

■ 10.3829, 11.7816,
18.5567

■ 21.6430, 21.8166,
19.9001

■ 9.2086, 10.5846,
18.3875

■ 24.2948, 24.0062,
20.1830

■ 8.2111, 9.5099,
18.2327

■ 27.1864, 26.3542,
20.4838

7.3793, 8.5513,
18.0915

30.3241, 28.8642,
20.8029

6.7012, 7.7022,
17.9633

33.7139, 31.5396,
21.1407

6.1629, 6.9547,
17.8474

37.3616, 34.3839,
21.4974

5.7174, 6.2843,
17.7415

41.2727, 37.4003,
21.8735

Harmonies

Analogous

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



14.8394, 16.1588, 18.4922



15.0599, 16.1588, 19.1548



15.3630, 16.1588, 19.3962

Triad

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



15.0599, 16.1588, 19.1548



15.9754, 16.1588, 17.5812



15.0522, 16.1588, 16.1330

Complementary

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



15.0599, 16.1588, 19.1548



15.5136, 15.9743, 15.9017

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.



15.3539, 16.1588, 15.9074



15.0599, 16.1588, 19.1548



15.8895, 16.1588, 16.7258

Square

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



15.0599, 16.1588, 19.1548



15.8941, 16.1588, 18.4689



15.6609, 16.1588, 16.1207



14.8350, 16.1588, 16.7475

Rectangle

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



15.0599, 16.1588, 19.1548



15.5719, 16.1588, 19.2795



15.6609, 16.1588, 16.1207



15.1469, 16.1588, 16.0101

Sweetspot

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



15.0604, 16.1595, 19.1552



29.1569, 30.8742, 34.5596



15.1118, 16.9095, 17.1768



6.6455, 7.0474, 7.9390



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.0604, 16.1595, 19.1552



26.3462, 28.3794, 34.2262



14.4808, 15.0003, 18.9620



3.6767, 3.9421, 4.6573



6.2558, 6.8512, 19.5353



29.6495, 31.7156, 94.9193

Inverse Universe

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



15.4712, 15.2826, 17.7580



27.2223, 26.5315, 31.2419



16.1086, 17.1642, 16.1000



3.7728, 3.7364, 4.3305



9.4548, 4.7156, 7.6029



45.6524, 22.8111, 34.8287

Previews

White Background



This preview shows how the XYZ color 15.0599, 16.1588, 19.1548 looks on a white background.

Color Contrast Check

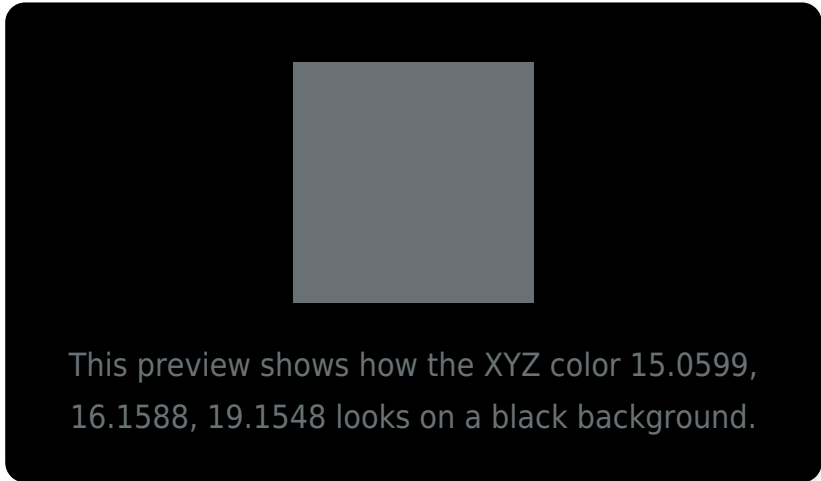
Large Text (above 18pt) WCAG AA ✓ Pass

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

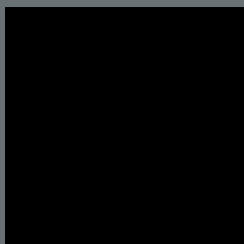
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

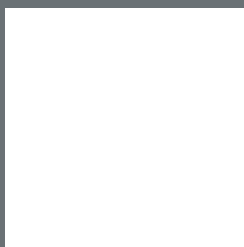
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0599, 16.1588, 19.1548

Background



This preview shows how black text looks on a background with the XYZ color 15.0599, 16.1588, 19.1548.



This preview shows how white text looks on a background with the XYZ color 15.0599, 16.1588,

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

15.0599, 16.1588, 19.1548

Protanopia

15.6469, 16.1405, 18.8138

Deuteranopia

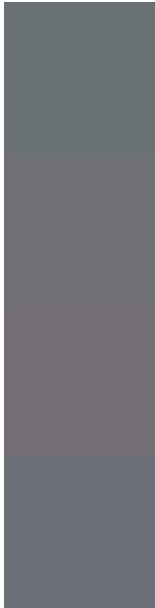
16.3783, 16.0262, 19.3697



Tritanopia

15.3088, 16.0946, 20.3889

Trichromacy



Original Color

15.0599, 16.1588, 19.1548

Protanomaly

15.3770, 16.1643, 18.8326

Deuteranomaly

15.9162, 16.1047, 19.4092

Tritanomaly

15.2477, 16.0702, 20.0675

Monochromacy



Original Color

15.0599, 16.1588, 19.1548

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0815, 16.0318, 17.9224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0599, 16.1588, 19.1548 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, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 117)  
}
```

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, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.0599, 16.1588, 19.1548 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, 113, 117) }
```


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

```
.border{ border-color:rgb(106, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0599, 16.1588, 19.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 117) }
```

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

```
.background{ background-color: rgb(106,  
113, 117) }
```

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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