

Converting Colors

XYZ(14.8461, 15.3380, 19.0268)

Have a look what the booklet for
XYZ(14.8461, 15.3380, 19.0268)
contains.

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Color

**XYZ(14.8639, 15.4098,
19.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D75
RGB	108, 109, 117
RGB Percent	42%, 43%, 46%
CMY	0.5765, 0.5725, 0.5412
CMYK	0.08, 0.07, 0.00, 0.54
HSL	233°, 4%, 44%
HSV	233°, 8%, 46%
XYZ	14.8639, 15.4098, 19.0206
YIQ	109.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

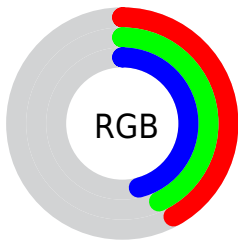
Format	Color
R _Y B	108, 109, 117
Decimal	7105909
CIE Lab	46.19, 1.32, -4.58
CIE LCh	46, 4.764, 286.079
Yxy	15.4098, 0.3015, 0.3126
Android (android.graphics.Color)	4285295989 (0xFF6C6D75)
YUV	109.6130, 3.6418, -1.4146
Hunter-Lab	39.2553, -1.1084, -1.2494

Details

The XYZ color **14.8639, 15.4098, 19.0206** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2884, 17.3553, 16.6791**, and the grayscale version is **14.7012, 15.4668, 16.8434**.

A 20% lighter version of the original color is **34.0303, 35.3771, 42.5710**, and **4.7213, 4.8670, 6.3208** is the 20% darker color. If you saturate the color by 10%, you get **12.4910, 12.6365, 18.6106**, and if you desaturate by 10%, it is **17.5599, 18.5454, 19.4840**.

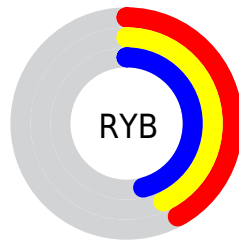
Distribution



Red (42%)

Green (43%)

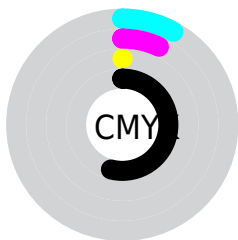
Blue (46%)



Red (42%)

Yellow (43%)

Blue (46%)

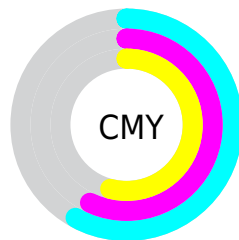


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8639, 15.4098, 19.0206 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 14.8639, 15.4098, 19.0206 by changing the saturation by 10% instead.

■ 14.8639, 15.4098,
19.0206

■ 14.8639, 15.4098,
19.0206

215.9457,
225.8334, 258.9890

■ 8.8096, 9.1075,
11.5082

■ 34.1879, 35.5705,
42.6061

■ 4.6733, 4.8114,
6.2913

■ 48.1883, 50.1977,
59.5162

■ 2.0897, 2.1370,
2.9514

■ 65.5681, 68.3686,
80.3960

■ 0.6836, 0.6853,
1.0699

■ 86.6926, 90.4677,
105.6641

■ 0.0000, 0.0000,
0.0000

111.9273,
116.8793, 135.7388

141.6375,

147.9879, 171.0389

176.1885,
184.1778, 211.9827

■ 14.8639, 15.4098,
19.0206

■ 14.8639, 15.4098,
19.0206

■ 12.4910, 12.6365,
18.6106

■ 17.5599, 18.5454,
19.4840

■ 10.4278, 10.2105,
18.2511

■ 20.5892, 22.0536,
20.0015

■ 8.6619, 8.1186,
17.9404

■ 23.9631, 25.9468,
20.5751

■ 7.1794, 6.3462,
17.6764

■ 27.6920, 30.2364,
21.2065

■ 5.9656, 4.8773,
17.4569

■ 31.7858, 34.9330,
21.8973

■ 5.0041, 3.6950,
17.2793

■ 36.2542, 40.0470,
22.6489

■ 4.2770, 2.7802,
17.1411

■ 41.1064, 45.5885,
23.4628

■ 3.7637, 2.1117,
17.0391

■ 46.3512, 51.5670,
24.3403

■ 3.4216, 1.6554,
16.9691

■ 51.9973, 57.9919,
25.2829

Harmonies

Analogous

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



14.4595, 15.4098, 19.0443



14.8639, 15.4098, 19.0206



15.2163, 15.4098, 18.3783

Triad

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



14.8639, 15.4098, 19.0206



15.1949, 15.4098, 15.2188



13.9016, 15.4098, 16.2464

Complementary

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



14.8639, 15.4098, 19.0206



16.2884, 17.3553, 16.6791

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.



14.0912, 15.4098, 15.2747



14.8639, 15.4098, 19.0206



14.8352, 15.4098, 14.7002

Square

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



14.8639, 15.4098, 19.0206



15.4098, 15.4098, 16.1668



14.4313, 15.4098, 14.7202



13.9090, 15.4098, 17.4057

Rectangle

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



14.8639, 15.4098, 19.0206



15.3720, 15.4098, 17.7019



14.4313, 15.4098, 14.7202



13.9443, 15.4098, 15.8881

Sweetspot

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



14.8644, 15.4105, 19.0209



29.2676, 30.6806, 34.5164



15.6954, 17.1708, 18.9951



6.7469, 7.0746, 7.9389



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.



14.8644, 15.4105, 19.0209



25.9256, 26.7884, 33.9413



15.1861, 15.4186, 19.0056



3.5304, 3.6495, 4.6086



3.6897, 1.7191, 18.6799



17.6504, 7.7174, 90.9196

Inverse Universe

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



15.4594, 15.6115, 16.6673



27.1929, 27.2202, 28.9275



15.9494, 17.3529, 16.6965



3.6990, 3.7069, 3.9417



8.1595, 4.1975, 0.7823



39.5958, 20.3885, 2.9351

Previews

White Background



This preview shows how the XYZ color 14.8639, 15.4098, 19.0206 looks on a white background.

Color Contrast Check

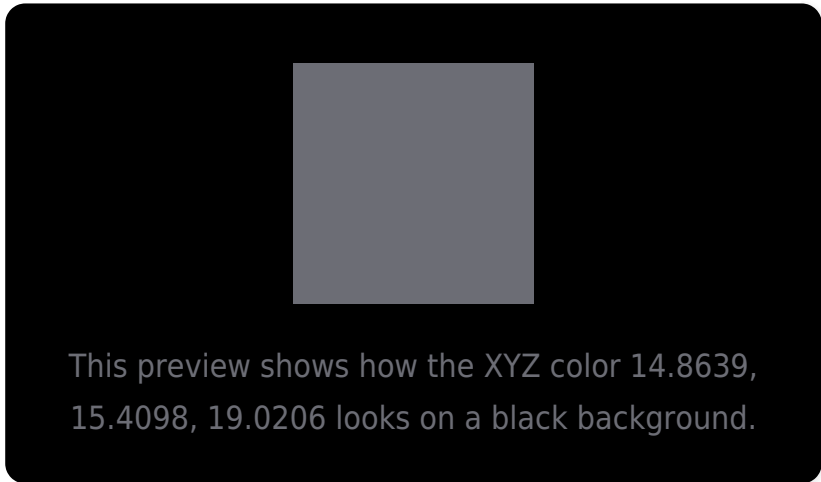
Large Text (above 18pt) WCAG AA ✓ Pass

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

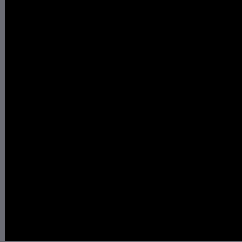
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

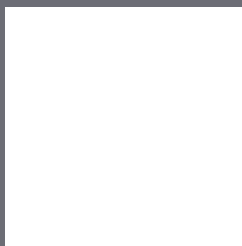
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8639, 15.4098, 19.0206

Background



This preview shows how black text looks on a background with the XYZ color 14.8639, 15.4098, 19.0206.



This preview shows how white text looks on a background with the XYZ color 14.8639, 15.4098,

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

14.8639, 15.4098, 19.0206

Protanopia

14.9862, 15.4728, 19.0263

Deuteranopia

15.6265, 15.3291, 19.2747



Tritanopia

14.9230, 15.4334, 19.3320

Trichromacy

**Original Color**

14.8639, 15.4098, 19.0206

Protanomaly

14.9862, 15.4728, 19.0263

Deuteranomaly

15.3378, 15.3341, 19.2909

Tritanomaly

14.9230, 15.4334, 19.3320

Monochromacy

**Original Color**

14.8639, 15.4098, 19.0206

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8632, 15.5953, 17.8496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8639, 15.4098, 19.0206 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(108, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 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(108, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.8639, 15.4098, 19.0206 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(108, 109, 117) }
```


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

```
.border{ border-color:rgb(108, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 109,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8639, 15.4098, 19.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 109, 117) }
```

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

```
.background{ background-color: rgb(108,  
109, 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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