

Converting Colors

XYZ(15.0485, 15.5312, 19.9263)

Have a look what the booklet for
XYZ(15.0485, 15.5312, 19.9263)
contains.

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Color

**XYZ(15.0431, 15.4815,
19.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D78
RGB	108, 109, 120
RGB Percent	42%, 43%, 47%
CMY	0.5765, 0.5725, 0.5294
CMYK	0.10, 0.09, 0.00, 0.53
HSL	235°, 5%, 45%
HSV	235°, 10%, 47%
XYZ	15.0431, 15.4815, 19.9647
YIQ	109.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

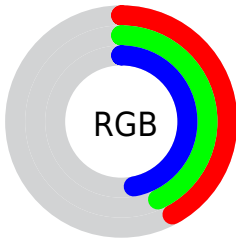
Format	Color
RYB	108, 109, 120
Decimal	7105912
CIELab	46.29, 1.98, -6.23
CIELCh	46, 6.539, 287.649
Yxy	15.4815, 0.2979, 0.3066
Android (android.graphics.Color)	4285295992 (0xFF6C6D78)
YUV	109.9550, 4.9522, -1.7145
Hunter-Lab	39.3465, -0.6117, -2.5416

Details

The XYZ color **15.0431, 15.4815, 19.9647** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0493, 18.2691, 16.8152**, and the grayscale version is **14.7956, 15.5661, 16.9515**.

A 20% lighter version of the original color is **34.3153, 35.4911, 44.0716**, and **4.8168, 4.9052, 6.8238** is the 20% darker color. If you saturate the color by 10%, you get **12.5823, 12.5792, 19.5344**, and if you desaturate by 10%, it is **17.8526, 18.7823, 20.4540**.

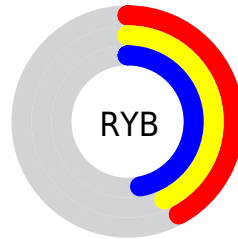
Distribution



Red (42%)

Green (43%)

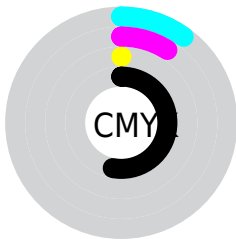
Blue (47%)



Red (42%)

Yellow (43%)

Blue (47%)

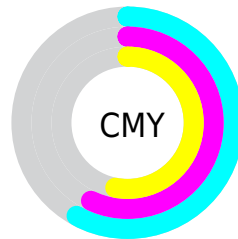


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0431, 15.4815, 19.9647 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 15.0431, 15.4815, 19.9647 by changing the saturation by 10% instead.

■ 15.0431, 15.4815,
19.9647

■ 15.0431, 15.4815,
19.9647

217.0102,
226.2624, 264.3219

■ 8.9362, 9.1580,
12.1856

■ 34.4998, 35.6957,
44.2162

■ 4.7563, 4.8444,
6.7461

■ 48.5803, 50.3552,
61.5256

■ 2.1383, 2.1562,
3.2278

■ 66.0493, 68.5621,
82.8489

■ 0.7099, 0.6960,
1.2121

■ 87.2722, 90.7009,
108.6046

■ 0.0000, 0.0000,
0.0000

112.6144,
117.1559, 139.2111

142.4412,

148.3116, 175.0872

177.1180,
184.5523, 216.6513

■ 15.0431, 15.4815,
19.9647

■ 15.0431, 15.4815,
19.9647

■ 12.5823, 12.5792,
19.5344

■ 17.8526, 18.7823,
20.4540

■ 10.4552, 10.0585,
19.1600

■ 21.0221, 22.4938,
21.0033

■ 8.6478, 7.9041,
18.8394

■ 24.5643, 26.6302,
21.6150

■ 7.1447, 6.0987,
18.5702

■ 28.4909, 31.2044,
22.2910

■ 5.9290, 4.6241,
18.3496

■ 32.8127, 36.2288,
23.0330

■ 4.9823, 3.4601,
18.1748

■ 37.5406, 41.7151,
23.8428

■ 4.2839, 2.5843,
18.0426

■ 42.6848, 47.6749,
24.7220

■ 3.8104, 1.9714,
17.9493

■ 48.2550, 54.1190,
25.6723

■ 3.4990, 1.5737,
17.8889

■ 54.2610, 61.0582,
26.6951

Harmonies

Analogous

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



14.4859, 15.4815, 20.0473



15.0431, 15.4815, 19.9647



15.5237, 15.4815, 19.0175

Triad

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



15.0431, 15.4815, 19.9647



15.4510, 15.4815, 14.6819



13.6892, 15.4815, 16.2066

Complementary

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



15.0431, 15.4815, 19.9647



17.0493, 18.2691, 16.8152

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.



13.9343, 15.4815, 14.8662



15.0431, 15.4815, 19.9647



14.9459, 15.4815, 14.0240

Square

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



15.0431, 15.4815, 19.9647



15.7633, 15.4815, 15.9403



14.3911, 15.4815, 14.0893



13.7137, 15.4815, 17.8077

Rectangle

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



15.0431, 15.4815, 19.9647



15.7317, 15.4815, 18.0551



14.3911, 15.4815, 14.0893



13.7425, 15.4815, 15.7126

Sweetspot

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



15.0436, 15.4822, 19.9650



29.8142, 31.1745, 35.6990



16.2188, 17.9484, 19.9997



6.9796, 7.2870, 8.4454



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.



15.0436, 15.4822, 19.9650



25.4124, 25.9981, 34.9318



15.5372, 15.5788, 19.9577



3.8221, 3.9425, 5.0027



3.8118, 1.7060, 19.5137



17.9119, 7.5964, 92.9920

Inverse Universe

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



15.8689, 15.8225, 16.6865



27.1722, 26.7293, 27.9405



16.5200, 18.1743, 16.8248



4.0106, 4.0200, 4.2537



8.5073, 4.3791, 0.6967



40.4442, 20.8340, 2.6035

Previews

White Background



This preview shows how the XYZ color 15.0431, 15.4815, 19.9647 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 15.0431, 15.4815, 19.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

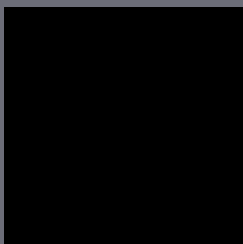
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

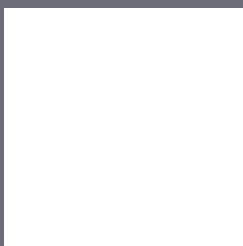
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0431, 15.4815, 19.9647

Background



This preview shows how black text looks on a background with the XYZ color 15.0431, 15.4815, 19.9647.



This preview shows how white text looks on a background with the XYZ color 15.0431, 15.4815,

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

15.0431, 15.4815, 19.9647

Protanopia

15.1655, 15.5446, 19.9704

Deuteranopia

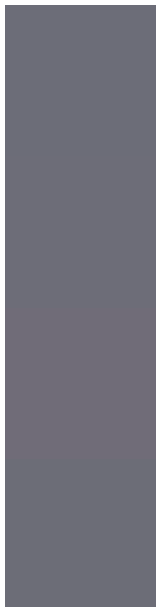
15.7181, 15.5163, 19.9358



Tritanopia

14.9230, 15.4334, 19.3320

Trichromacy



Original Color

15.0431, 15.4815, 19.9647

Protanomaly

15.1655, 15.5446, 19.9704

Deuteranomaly

15.4348, 15.5259, 19.9526

Tritanomaly

14.9828, 15.4573, 19.6467

Monochromacy



Original Color

15.0431, 15.4815, 19.9647

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9199, 15.6180, 18.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0431, 15.4815, 19.9647 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.0431, 15.4815, 19.9647 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, 120) }
```


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

```
.border{ border-color:rgb(108, 109, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 109, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 109, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 109,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0431, 15.4815, 19.9647 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, 120) }
```

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

```
.background{ background-color: rgb(108,  
109, 120) }
```

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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