

Converting Colors

XYZ(15.1033, 15.5291, 18.8931)

Have a look what the booklet for
XYZ(15.1033, 15.5291, 18.8931)
contains.

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Color

**XYZ(15.1099, 15.5366,
19.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D75
RGB	110, 109, 117
RGB Percent	43%, 43%, 46%
CMY	0.5686, 0.5725, 0.5412
CMYK	0.06, 0.07, 0.00, 0.54
HSL	247°, 4%, 44%
HSV	247°, 7%, 46%
XYZ	15.1099, 15.5366, 19.0321
YIQ	110.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

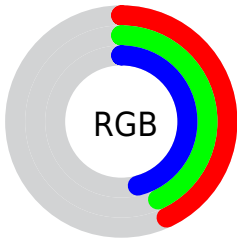
Format	Color
R_{YB}	110, 109, 117
Decimal	7236981
CIE Lab	46.36, 2.06, -4.31
CIE LCh	46, 4.776, 295.608
Yxy	15.5366, 0.3042, 0.3127
Android (android.graphics.Color)	4285427061 (0xFF6E6D75)
YUV	110.2110, 3.3470, -0.1850
Hunter-Lab	39.4165, -0.5528, -1.0364

Details

The XYZ color **15.1099, 15.5366, 19.0321** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3246, 17.5401, 16.9939**, and the grayscale version is **14.8730, 15.6476, 17.0402**.

A 20% lighter version of the original color is **34.6325, 35.6876, 42.5992**, and **4.7834, 4.8991, 6.3237** is the 20% darker color. If you saturate the color by 10%, you get **12.7427, 12.5855, 18.5875**, and if you desaturate by 10%, it is **17.7914, 18.8973, 19.5397**.

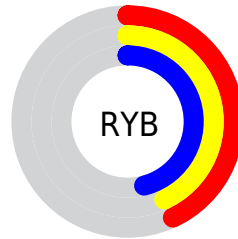
Distribution



Red (43%)

Green (43%)

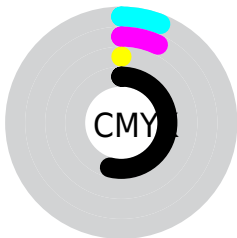
Blue (46%)



Red (43%)

Yellow (43%)

Blue (46%)

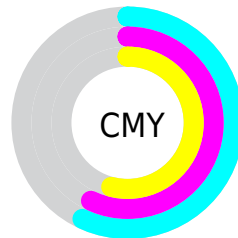


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1099, 15.5366, 19.0321 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 15.1099, 15.5366, 19.0321 by changing the saturation by 10% instead.

■ 15.1099, 15.5366,
19.0321

■ 15.1099, 15.5366,
19.0321

217.4057,
226.5915, 259.0545

■ 8.9834, 9.1968,
11.5164

■ 34.6159, 35.7918,
42.6258

■ 4.7874, 4.8698,
6.2968

■ 48.7262, 50.4761,
59.5408

■ 2.1565, 2.1711,
2.9547

■ 66.2283, 68.7106,
80.4261

■ 0.7197, 0.7042,
1.0715

■ 87.4878, 90.8799,
105.7001

■ 0.0000, 0.0000,
0.0000

112.8699,
117.3682, 135.7814

142.7400,

148.5600, 171.0886

177.4635,
184.8396, 212.0401

■ 15.1099, 15.5366,
19.0321

■ 15.1099, 15.5366,
19.0321

■ 12.7427, 12.5855,
18.5875

■ 17.7914, 18.8973,
19.5397

■ 10.6771, 10.0264,
18.2024

■ 20.7968, 22.6803,
20.1115

■ 8.9011, 7.8432,
17.8746

■ 24.1368, 26.9003,
20.7500

■ 7.4017, 6.0184,
17.6014

■ 27.8216, 31.5708,
21.4573

■ 6.1650, 4.5325,
17.3798

■ 31.8604, 36.7044,
22.2353

■ 5.1755, 3.3646,
17.2065

■ 36.2625, 42.3135,
23.0859

■ 4.4164, 2.4911,
17.0779

■ 41.0367, 48.4100,
24.0111

■ 3.8686, 1.8855,
16.9899

■ 46.1914, 55.0052,
25.0124

■ 3.4976, 1.4918,
16.9335

■ 51.7349, 62.1102,
26.0916

Harmonies

Analogous

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



14.7069, 15.5366, 19.2654



15.1099, 15.5366, 19.0321



15.4262, 15.5366, 18.2223

Triad

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



15.1099, 15.5366, 19.0321



15.2162, 15.5366, 15.1238



13.9961, 15.5366, 16.7447

Complementary

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



15.1099, 15.5366, 19.0321



16.3246, 17.5401, 16.9939

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.



14.1270, 15.5366, 15.6750



15.1099, 15.5366, 19.0321



14.8274, 15.5366, 14.7671

Square

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



15.1099, 15.5366, 19.0321



15.4883, 15.5366, 15.9610



14.4295, 15.5366, 14.9642



14.0686, 15.5366, 17.9099

Rectangle

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



15.1099, 15.5366, 19.0321



15.5427, 15.5366, 17.4832



14.4295, 15.5366, 14.9642



14.0177, 15.5366, 16.3626

Sweetspot

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



15.1104, 15.5373, 19.0324



29.2835, 30.6081, 34.5015



15.7711, 17.0421, 19.2881



6.7503, 7.0592, 7.9358



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.



15.1104, 15.5373, 19.0324



26.4440, 27.0552, 33.9654



15.6108, 15.7953, 19.0559



3.5392, 3.6098, 4.6005



3.7392, 1.5190, 18.6387



17.8103, 7.1901, 90.8094

Inverse Universe

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



15.9577, 15.9808, 18.7673



28.2508, 28.0011, 33.3955



15.8127, 17.2762, 16.9700



3.8079, 3.7505, 4.5153



10.7432, 5.2310, 14.3879



52.1371, 25.4049, 68.9763

Previews

White Background



This preview shows how the XYZ color 15.1099, 15.5366, 19.0321 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 15.1099, 15.5366, 19.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

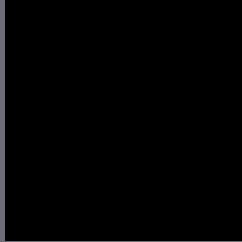
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

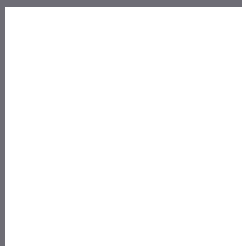
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1099, 15.5366, 19.0321

Background



This preview shows how black text looks on a background with the XYZ color 15.1099, 15.5366, 19.0321.



This preview shows how white text looks on a background with the XYZ color 15.1099, 15.5366,

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

15.1099, 15.5366, 19.0321

Protanopia

15.1099, 15.5366, 19.0321

Deuteranopia

15.8047, 15.5817, 19.0042



Tritanopia

15.1691, 15.5603, 19.3435

Trichromacy



Original Color

15.1099, 15.5366, 19.0321

Protanomaly

15.1099, 15.5366, 19.0321

Deuteranomaly

15.5129, 15.5869, 19.0206

Tritanomaly

15.1691, 15.5603, 19.3435

Monochromacy



Original Color

15.1099, 15.5366, 19.0321

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9870, 15.6591, 17.8554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1099, 15.5366, 19.0321 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(110, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.1099, 15.5366, 19.0321 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(110, 109, 117) }
```


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

```
.border{ border-color:rgb(110, 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(110, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1099, 15.5366, 19.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 117) }
```

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

```
.background{ background-color: rgb(110,  
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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