

Converting Colors

XYZ(16.6361, 15.7335, 30.4199)

Have a look what the booklet for
XYZ(16.6361, 15.7335, 30.4199)
contains.

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Color

**XYZ(16.7459, 15.8111,
30.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6B95
RGB	107, 107, 149
RGB Percent	42%, 42%, 58%
CMY	0.5804, 0.5804, 0.4157
CMYK	0.28, 0.28, 0.00, 0.42
HSL	240°, 17%, 50%
HSV	240°, 28%, 58%
XYZ	16.7459, 15.8111, 30.6030
YIQ	111.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

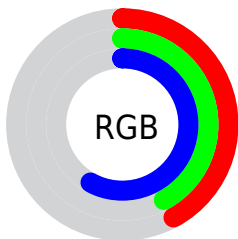
Format	Color
RYB	107, 107, 149
Decimal	7039893
CIELab	46.73, 9.93, -22.86
CIELCh	47, 24.925, 293.485
Yxy	15.8111, 0.2651, 0.2503
Android (android.graphics.Color)	4285229973 (0xFF6B6B95)
YUV	111.7880, 18.3455, -4.1991
Hunter-Lab	39.7632, 5.5881, -17.7972

Details

The XYZ color **16.7459, 15.8111, 30.6030** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7960, 28.9462, 18.1380**, and the grayscale version is **15.2903, 16.0865, 17.5182**.

A 20% lighter version of the original color is **37.3044, 36.1364, 61.5088**, and **5.5654, 5.0131, 12.2296** is the 20% darker color. If you saturate the color by 10%, you get **13.6847, 12.1225, 30.0527**, and if you desaturate by 10%, it is **20.3846, 20.1954, 31.2578**.

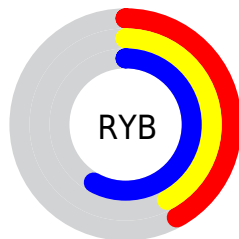
Distribution



Red (42%)

Green (42%)

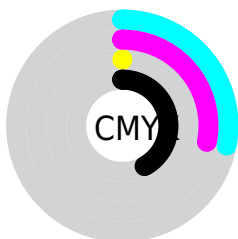
Blue (58%)



Red (42%)

Yellow (42%)

Blue (58%)

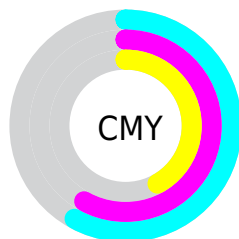


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7459, 15.8111, 30.6030 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 16.7459, 15.8111, 30.6030 by changing the saturation by 10% instead.

■ 16.7459, 15.8111,
30.6030

■ 16.7459, 15.8111,
30.6030

226.8887,
228.2245, 318.9995

■ 10.1477, 9.3906,
20.0408

■ 37.4355, 36.2700,
61.6867

■ 5.5600, 4.9968,
12.2403

■ 52.2575, 51.0771,
83.0453

■ 2.6175, 2.2454,
6.7831

■ 70.5515, 69.4485,
108.8398

■ 0.9549, 0.7446,
3.2504

■ 92.6829, 91.7687,
139.4888

■ 0.0000, 0.0000,
1.2239

119.0169,
118.4220, 175.4106

■ 0.0000, 0.0000,
0.0000

149.9190,

149.7928, 217.0240

185.7545,
186.2655, 264.7475

■ 16.7459, 15.8111,
30.6030

■ 16.7459, 15.8111,
30.6030

■ 13.6847, 12.1225,
30.0527

■ 20.3846, 20.1954,
31.2578

■ 11.1698, 9.0923,
29.6003

■ 24.6265, 25.3067,
32.0208

■ 9.1696, 6.6821,
29.2405

■ 29.4980, 31.1765,
32.8970

■ 7.6484, 4.8492,
28.9669

■ 35.0232, 37.8340,
33.8908

■ 6.5664, 3.5454,
28.7723

■ 41.2250, 45.3068,
35.0063

■ 5.8769, 2.7146,
28.6482

■ 48.1253, 53.6211,
36.2475

■ 5.4880, 2.2460,
28.5783

■ 55.7449, 62.8022,
37.6180

■ 5.4249, 2.1700,
28.5670

■ 64.1037, 72.8740,
39.1215

■ 73.2209, 83.8596,
40.7614

Harmonies

Analogous

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



14.5613, 15.8111, 31.9567



16.7459, 15.8111, 30.6030



18.6220, 15.8111, 25.3140

Triad

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



16.7459, 15.8111, 30.6030



17.6392, 15.8111, 9.3116



11.2652, 15.8111, 15.9001

Complementary

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



16.7459, 15.8111, 30.6030



25.7960, 28.9462, 18.1380

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.



11.9290, 15.8111, 11.0598



16.7459, 15.8111, 30.6030



15.5045, 15.8111, 7.8906

Square

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



16.7459, 15.8111, 30.6030



19.1713, 15.8111, 12.8943



13.4318, 15.8111, 8.4435



11.5293, 15.8111, 22.4082

Rectangle

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



16.7459, 15.8111, 30.6030



19.3753, 15.8111, 20.8257



13.4318, 15.8111, 8.4435



11.3850, 15.8111, 14.0488

Sweetspot

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



16.7464, 15.8117, 30.6034



44.1226, 45.3449, 57.3482



22.1803, 26.7687, 32.1397



9.5284, 9.7480, 12.6642



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.7464, 15.8117, 30.6034



26.3107, 23.8826, 54.1443



19.4801, 17.2209, 30.7313



5.4995, 5.6330, 7.2672



4.5658, 1.8263, 24.0429



0.0559, 0.0224, 0.2943

Inverse Universe

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



20.3064, 17.9670, 16.3083



33.7943, 28.4133, 24.0937



22.4094, 27.2004, 17.9796



5.8008, 5.8154, 6.0572



10.4317, 5.3777, 0.4882



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 16.7459, 15.8111, 30.6030 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 16.7459, 15.8111, 30.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

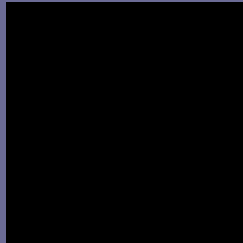
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.7459, 15.8111, 30.6030

Background



This preview shows how black text looks on a background with the XYZ color 16.7459, 15.8111, 30.6030.



This preview shows how white text looks on a background with the XYZ color 16.7459, 15.8111,

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

16.7459, 15.8111, 30.6030

Protanopia

16.2001, 15.8243, 31.4787

Deuteranopia

16.1490, 15.8165, 30.6355



Tritanopia

14.6122, 15.7355, 20.3563

Trichromacy



Original Color

16.7459, 15.8111, 30.6030

Protanomaly

16.3471, 15.7519, 31.0330

Deuteranomaly

16.3809, 15.7786, 30.6160

Tritanomaly

15.2662, 15.6741, 23.6935

Monochromacy



Original Color

16.7459, 15.8111, 30.6030

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7080, 15.9475, 21.6523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7459, 15.8111, 30.6030 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(107, 107, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 107, 149)  
}
```

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(107, 107, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 107, 149) }
```

Border

The CSS property to change the border of an element to XYZ 16.7459, 15.8111, 30.6030 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(107, 107, 149) }
```


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

```
.border{ border-color:rgb(107, 107, 149) }
```

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

Here you see how a box with a 4 pixel rgb(107, 107, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 107, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 107, 149);  
box-shadow:4px 4px 4px 4px rgb(107, 107,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7459, 15.8111, 30.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 107, 149) }
```

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

```
.background{ background-color: rgb(107,  
107, 149) }
```

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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