

Converting Colors

XYZ(16.6111, 15.1366, 60.7896)

Have a look what the booklet for
XYZ(16.6111, 15.1366, 60.7896)
contains.

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Color

**XYZ(16.6203, 15.0720,
61.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	086BCF
RGB	8, 107, 207
RGB Percent	3%, 42%, 81%
CMY	0.9684, 0.5804, 0.1882
CMYK	0.96, 0.48, 0.00, 0.19
HSL	210°, 93%, 42%
HSV	210°, 96%, 81%
XYZ	16.6203, 15.0720, 61.0647
YIQ	88.7990, -91.1040, 10.1120

Conversions

Conversions Part 2

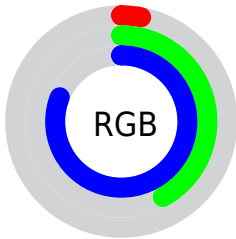
Format	Color
RYB	8, 74, 207
Decimal	551887
CIELab	45.73, 13.51, -58.50
CIELCh	46, 60.037, 283.005
Yxy	15.0720, 0.1792, 0.1625
Android (android.graphics.Color)	4278741967 (0xFF086BCF)
YUV	88.7990, 58.2731, -70.8607
Hunter-Lab	38.8227, 8.4776, -66.0822

Details

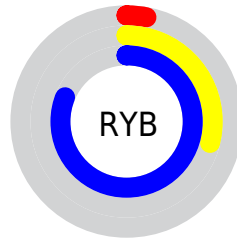
The XYZ color **16.6203, 15.0720, 61.0647** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **31.1438, 24.0179, 3.2255**, and the grayscale version is **9.3443, 9.8310, 10.7059**.

A 20% lighter version of the original color is **35.6437, 34.4404, 99.3768**, and **7.3362, 5.6045, 30.4009** is the 20% darker color. If you saturate the color by 10%, you get **16.1085, 14.1969, 60.9231**, and if you desaturate by 10%, it is **18.1707, 17.5797, 61.4674**.

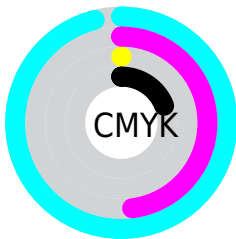
Distribution



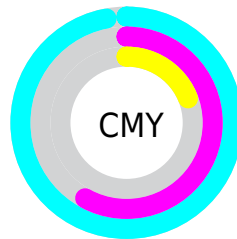
- Red (3%)
- Green (42%)
- Blue (81%)



- Red (3%)
- Yellow (29%)
- Blue (81%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6203, 15.0720, 61.0647 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 16.6203, 15.0720, 61.0647 by changing the saturation by 10% instead.

■ 16.6203, 15.0720,
61.0647

■ 16.6203, 15.0720,
61.0647

226.1738,
223.8016, 446.4243

■ 10.0578, 8.8699,
43.8465

■ 37.2206, 34.9794,
107.9311

■ 5.4998, 4.6564,
30.2135

■ 51.9891, 49.4536,
138.4163

■ 2.5812, 2.0471,
19.7473

■ 70.2236, 67.4539,
174.1609

■ 0.9364, 0.6346,
12.0292

■ 92.2894, 89.3648,
215.5835

■ 0.0000, 0.0000,
6.6408

■ 118.5520,
115.5706, 263.1026

■ 0.0000, 0.0000,
3.1635

149.3767,

■ 0.0000, 0.0000,

146.4557, 317.1368

1.1787

185.1289,
182.4046, 378.1045

■ 0.0000, 0.0000,
0.0000

■ 16.6203, 15.0720,
61.0647

■ 16.6203, 15.0720,
61.0647

■ 16.1085, 14.1969,
60.9231

■ 18.1707, 17.5797,
61.4674

■ 20.2451, 20.5577,
61.9329

■ 22.9180, 24.0509,
62.4662

■ 26.2489, 28.0956,
63.0714

■ 30.2890, 32.7241,
63.7518

■ 35.0843, 37.9654,
64.5108

■ 40.6765, 43.8465,
65.3512

■ 47.1039, 50.3922,
66.2759

■ 54.4025, 57.6259,
67.2875

Harmonies

Analogous

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



11.6741, 15.0720, 59.8710



16.6203, 15.0720, 61.0647



22.0093, 15.0720, 46.2483

Triad

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



16.6203, 15.0720, 61.0647



22.6510, 15.0720, 3.8223



6.9093, 15.0720, 9.5586

Complementary

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



16.6203, 15.0720, 61.0647



31.1438, 24.0179, 3.2255

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.



8.6773, 15.0720, 3.3278



16.6203, 15.0720, 61.0647



17.3507, 15.0720, 1.6032

Square

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



16.6203, 15.0720, 61.0647



26.0027, 15.0720, 10.9211



12.2523, 15.0720, 1.4994



6.8024, 15.0720, 23.4872

Rectangle

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



16.6203, 15.0720, 61.0647



24.8192, 15.0720, 32.5190



12.2523, 15.0720, 1.4994



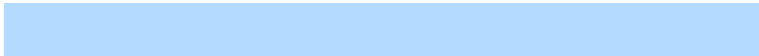
7.3059, 15.0720, 6.7575

Sweetspot

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



16.6210, 15.0724, 61.0651



62.1453, 67.1048, 104.2849



25.0951, 45.7504, 21.5627



12.4784, 13.4962, 22.1973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



16.6210, 15.0724, 61.0651



25.6174, 22.3549, 97.5725



11.4506, 4.7316, 59.3416



11.6424, 12.3751, 15.0187



10.2436, 9.1337, 38.4156



0.6521, 0.6694, 2.1744

Inverse Universe

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



28.4735, 14.5017, 15.2084



45.0597, 22.7879, 22.0442



48.0893, 57.9091, 8.8740



12.0504, 11.9049, 13.5412



17.8012, 8.9933, 9.1253



1.0354, 0.5189, 0.7212

Previews

White Background



This preview shows how the XYZ color 16.6203, 15.0720, 61.0647 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 16.6203, 15.0720, 61.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

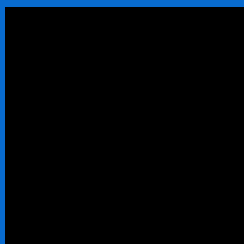
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

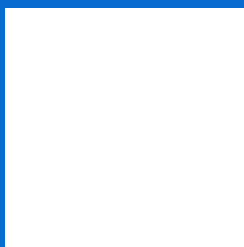
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6203, 15.0720, 61.0647

Background



This preview shows how black text looks on a background with the XYZ color 16.6203, 15.0720, 61.0647.



This preview shows how white text looks on a background with the XYZ color 16.6203, 15.0720,

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

16.6203, 15.0720, 61.0647

Protanopia

17.3176, 15.0171, 59.1126

Deuteranopia

15.0904, 14.9576, 51.9609



Tritanopia

10.6128, 14.9915, 22.7564

Trichromacy



Original Color

16.6203, 15.0720, 61.0647

Protanomaly

16.8340, 14.9042, 59.7472

Deuteranomaly

15.5842, 14.9879, 54.8949

Tritanomaly

12.2541, 14.7151, 34.0927

Monochromacy



Original Color

16.6203, 15.0720, 61.0647

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.2112, 10.9923, 23.4133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6203, 15.0720, 61.0647 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(8, 107, 207)` looks like.

```
.text, #text, p{  
    color:rgb(8, 107, 207)  
}
```

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(8, 107, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 107, 207) }
```

Border

The CSS property to change the border of an element to XYZ 16.6203, 15.0720, 61.0647 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(8, 107, 207) }
```


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

```
.border{ border-color:rgb(8, 107, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 107, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 107, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 107, 207);  
box-shadow:4px 4px 4px 4px rgb(8, 107,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6203, 15.0720, 61.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 107, 207) }
```

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

```
.background{ background-color: rgb(8, 107,  
207) }
```

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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