

Converting Colors

XYZ(16.7513, 15.1396, 61.0708)

Have a look what the booklet for
XYZ(16.7513, 15.1396, 61.0708)
contains.

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Color

**XYZ(16.7513, 15.1396,
61.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	116BCF
RGB	17, 107, 207
RGB Percent	7%, 42%, 81%
CMY	0.9332, 0.5804, 0.1882
CMYK	0.92, 0.48, 0.00, 0.19
HSL	212°, 85%, 44%
HSV	212°, 92%, 81%
XYZ	16.7513, 15.1396, 61.0708
YIQ	91.4900, -85.7400, 12.0200

Conversions

Conversions Part 2

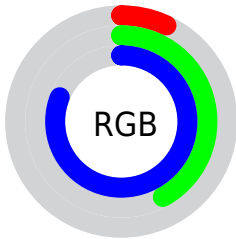
Format	Color
RYB	17, 78, 207
Decimal	1141711
CIELab	45.82, 13.85, -58.34
CIELCh	46, 59.964, 283.351
Yxy	15.1396, 0.1802, 0.1629
Android (android.graphics.Color)	4279331791 (0xFF116BCF)
YUV	91.4900, 56.9464, -65.3277
Hunter-Lab	38.9096, 8.7556, -65.8221

Details

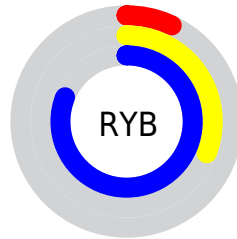
The XYZ color **16.7513, 15.1396, 61.0708** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **32.1982, 26.0352, 3.8597**, and the grayscale version is **9.9459, 10.4638, 11.3951**.

A 20% lighter version of the original color is **35.8704, 34.5573, 99.3874**, and **7.3362, 5.6045, 30.4009** is the 20% darker color. If you saturate the color by 10%, you get **15.6337, 13.2474, 60.7648**, and if you desaturate by 10%, it is **18.5182, 17.8446, 61.5002**.

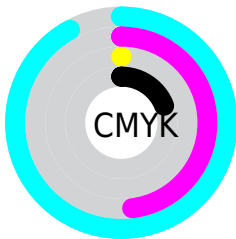
Distribution



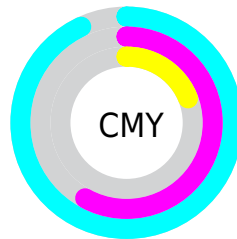
- Red (7%)
- Green (42%)
- Blue (81%)



- Red (7%)
- Yellow (31%)
- Blue (81%)



- Cyan (92%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (93%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7513, 15.1396, 61.0708 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 16.7513, 15.1396, 61.0708 by changing the saturation by 10% instead.

■ 16.7513, 15.1396,
61.0708

■ 16.7513, 15.1396,
61.0708

226.9194,
224.2096, 446.4473

■ 10.1515, 8.9174,
43.8514

■ 37.4447, 35.0979,
107.9400

■ 5.5626, 4.6874,
30.2174

■ 52.2690, 49.6028,
138.4268

■ 2.6191, 2.0650,
19.7502

■ 70.5656, 67.6374,
174.1732

■ 0.9557, 0.6448,
12.0313

■ 92.6997, 89.5861,
215.5977

■ 0.0000, 0.0000,
6.6422

■ 119.0368,
115.8333, 263.1188

■ 0.0000, 0.0000,
3.1643

149.9423,

■ 0.0000, 0.0000,

146.7633, 317.1551

1.1791

185.7813,
182.7606, 378.1250

■ 0.0000, 0.0000,
0.0000

■ 16.7513, 15.1396,
61.0708

■ 16.7513, 15.1396,
61.0708

■ 15.6337, 13.2474,
60.7648

■ 18.5182, 17.8446,
61.5002

■ 20.8556, 21.0636,
61.9983

■ 23.8305, 24.8384,
62.5701

■ 27.4993, 29.2048,
63.2196

■ 31.9112, 34.1947,
63.9502

■ 37.1107, 39.8373,
64.7652

■ 43.1387, 46.1595,
65.6679

■ 50.0328, 53.1868,
66.6609

■ 57.8283, 60.9428,
67.7471

Harmonies

Analogous

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



11.7821, 15.1396, 60.0837



16.7513, 15.1396, 61.0708



22.1409, 15.1396, 46.1176

Triad

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



16.7513, 15.1396, 61.0708



22.6722, 15.1396, 3.8127



6.9453, 15.1396, 9.7294

Complementary

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



16.7513, 15.1396, 61.0708



32.1982, 26.0352, 3.8597

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.



8.6985, 15.1396, 3.4017



16.7513, 15.1396, 61.0708



17.3562, 15.1396, 1.6154

Square

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



16.7513, 15.1396, 61.0708



26.0613, 15.1396, 10.8590



12.2613, 15.1396, 1.5289



6.8566, 15.1396, 23.7788

Rectangle

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



16.7513, 15.1396, 61.0708



24.9348, 15.1396, 32.3757



12.2613, 15.1396, 1.5289



7.3368, 15.1396, 6.8901

Sweetspot

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



16.7520, 15.1400, 61.0712



62.6416, 67.2013, 104.2773



25.6495, 45.9873, 23.7988



12.5522, 13.4754, 22.1894



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.



16.7520, 15.1400, 61.0712



24.8595, 20.8390, 97.3198



11.7559, 5.0576, 59.3884



11.6188, 12.3279, 15.0108



9.9432, 8.5331, 38.3155



0.6351, 0.6355, 2.1687

Inverse Universe

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



28.5871, 14.7288, 15.2464



44.6771, 22.6348, 20.0296



47.2708, 57.4804, 9.1349



12.0385, 11.9001, 13.4785



17.6496, 8.9327, 8.3270



1.0268, 0.5154, 0.6760

Previews

White Background



This preview shows how the XYZ color 16.7513, 15.1396, 61.0708 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 16.7513, 15.1396, 61.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

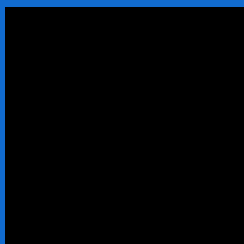
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

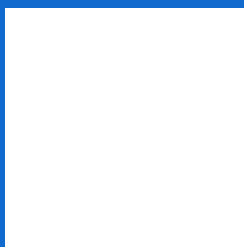
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7513, 15.1396, 61.0708

Background



This preview shows how black text looks on a background with the XYZ color 16.7513, 15.1396, 61.0708.



This preview shows how white text looks on a background with the XYZ color 16.7513, 15.1396,

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

16.7513, 15.1396, 61.0708

Protanopia

17.4189, 15.2197, 59.1464

Deuteranopia

15.2016, 15.0021, 52.5466



Tritanopia

10.6128, 14.9915, 22.7564

Trichromacy



Original Color

16.7513, 15.1396, 61.0708

Protanomaly

17.0486, 15.1670, 59.7866

Deuteranomaly

15.7368, 15.0532, 55.5022

Tritanomaly

12.2916, 14.7345, 34.0945

Monochromacy



Original Color

16.7513, 15.1396, 61.0708

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.6227, 11.3328, 23.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7513, 15.1396, 61.0708 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(17, 107, 207)` looks like.

```
.text, #text, p{  
    color:rgb(17, 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(17, 107, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 107, 207) }
```

Border

The CSS property to change the border of an element to XYZ 16.7513, 15.1396, 61.0708 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(17, 107, 207) }
```


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

```
.border{ border-color:rgb(17, 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(17, 107, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 107, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 107, 207);  
box-shadow:4px 4px 4px 4px rgb(17, 107,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7513, 15.1396, 61.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 107, 207) }
```

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

```
.background{ background-color: rgb(17, 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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