

Converting Colors

XYZ(17.0827, 15.9490, 61.8532)

Have a look what the booklet for
XYZ(17.0827, 15.9490, 61.8532)
contains.

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Color

**XYZ(17.0696, 15.9229,
61.8483)**

Conversions

Conversions Part 1

Format	Color
Hex	006FD0
RGB	0, 111, 208
RGB Percent	0%, 44%, 82%
CMY	0.9998, 0.5647, 0.1843
CMYK	1.00, 0.47, 0.00, 0.18
HSL	208°, 100%, 41%
HSV	208°, 100%, 82%
XYZ	17.0696, 15.9229, 61.8483
YIQ	88.8690, -97.2930, 6.6350

Conversions

Conversions Part 2

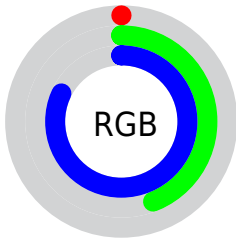
Format	Color
RYB	0, 72, 208
Decimal	28624
CIELab	46.87, 11.09, -57.23
CIELCh	47, 58.298, 280.968
Yxy	15.9229, 0.1800, 0.1679
Android (android.graphics.Color)	4278218704 (0xFF006FD0)
YUV	88.8690, 58.7316, -77.9381
Hunter-Lab	39.9035, 6.5261, -63.9639

Details

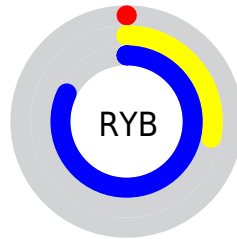
The XYZ color **17.0696, 15.9229, 61.8483** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **30.2922, 21.9687, 2.6452**, and the grayscale version is **9.3599, 9.8474, 10.7238**.

A 20% lighter version of the original color is **36.2259, 35.7700, 99.6027**, and **7.6401, 6.0805, 30.9080** is the 20% darker color. If you saturate the color by 10%, you get **17.0672, 15.9180, 61.8479**, and if you desaturate by 10%, it is **18.4926, 18.3144, 62.2353**.

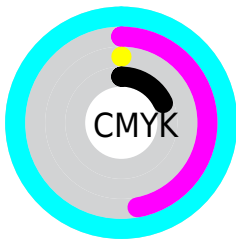
Distribution



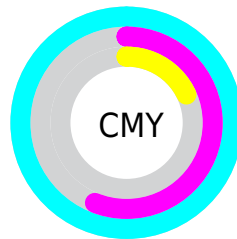
- Red (0%)
- Green (44%)
- Blue (82%)



- Red (0%)
- Yellow (28%)
- Blue (82%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0696, 15.9229, 61.8483 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 17.0696, 15.9229, 61.8483 by changing the saturation by 10% instead.

■ 17.0696, 15.9229,
61.8483

■ 17.0696, 15.9229,
61.8483

228.7216,
228.8863, 449.3699

■ 10.3797, 9.4696,
44.4751

■ 37.9880, 36.4643,
109.0757

■ 5.7156, 5.0487,
30.7043

■ 52.9473, 51.3212,
139.7671

■ 2.7120, 2.2759,
20.1172

■ 71.3938, 69.7481,
175.7349

■ 1.0033, 0.7609,
12.2953

■ 93.6929, 92.1294,
217.3977

■ 0.0000, 0.0000,
6.8202

■ 120.2098,
118.8495, 265.1741

■ 0.0000, 0.0000,
3.2732

151.3100,

■ 0.0000, 0.0000,

150.2927, 319.4825

1.2357

187.3588,
186.8435, 380.7416

■ 0.0000, 0.0000,
0.0082

■ 0.0000, 0.0000,
0.0000

■ 17.0696, 15.9229,
61.8483

■ 17.0696, 15.9229,
61.8483

■ 17.0672, 15.9180,
61.8479

■ 18.4926, 18.3144,
62.2353

■ 20.3624, 21.1122,
62.6768

■ 22.7939, 24.3804,
63.1794

■ 25.8506, 28.1565,
63.7472

■ 29.5863, 32.4729,
64.3835

■ 34.0487, 37.3585,
65.0913

■ 39.2806, 42.8399,
65.8735

■ 45.3214, 48.9413,
66.7329

■ 52.2076, 55.6857,
67.6717

Harmonies

Analogous

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



12.1675, 15.9229, 59.5017



17.0696, 15.9229, 61.8483



22.4834, 15.9229, 48.1957

Triad

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



17.0696, 15.9229, 61.8483



23.7718, 15.9229, 4.7044



7.6515, 15.9229, 9.7220

Complementary

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



17.0696, 15.9229, 61.8483



30.2922, 21.9687, 2.6452

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.



9.5914, 15.9229, 3.6322



17.0696, 15.9229, 61.8483



18.5478, 15.9229, 2.0598

Square

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



17.0696, 15.9229, 61.8483



26.8903, 15.9229, 12.5414



13.3510, 15.9229, 1.8234



7.4281, 15.9229, 23.2224

Rectangle

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



17.0696, 15.9229, 61.8483



25.3809, 15.9229, 34.7630



13.3510, 15.9229, 1.8234



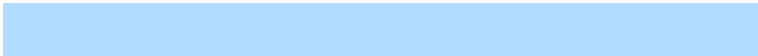
8.1000, 15.9229, 6.9973

Sweetspot

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



17.0703, 15.9233, 61.8487



61.9391, 67.5723, 104.3860



24.5604, 45.9139, 18.0700



12.4717, 13.6479, 22.2269



0.0000, 0.0000, 0.0000



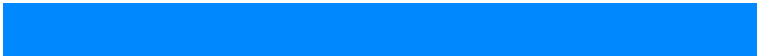
20.3446, 21.4041, 23.3091

Same Dimension

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



17.0703, 15.9233, 61.8487



26.8617, 24.8433, 97.9872



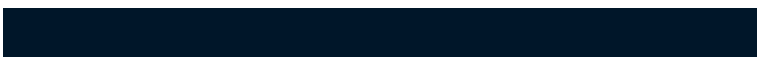
11.4993, 4.7813, 59.9917



11.6785, 12.4472, 15.0307



10.7348, 10.1162, 38.5793



0.6793, 0.7237, 2.1835

Inverse Universe

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



28.8824, 14.5588, 16.3268



45.6877, 23.0391, 25.3514



46.1164, 53.6170, 7.9200



12.0686, 11.9122, 13.6370



18.0492, 9.0925, 10.4309



1.0491, 0.5244, 0.7933

Previews

White Background



This preview shows how the XYZ color 17.0696, 15.9229, 61.8483 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 17.0696, 15.9229, 61.8483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

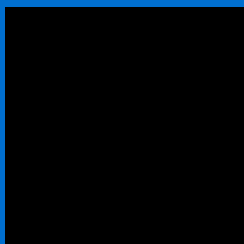
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0696, 15.9229, 61.8483

Background



This preview shows how black text looks on a background with the XYZ color 17.0696, 15.9229, 61.8483.



This preview shows how white text looks on a background with the XYZ color 17.0696, 15.9229,

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

17.0696, 15.9229, 61.8483

Protanopia

18.0812, 15.8671, 59.2364

Deuteranopia

16.0982, 15.8875, 55.6442

Trichromacy



Original Color

17.0696, 15.9229, 61.8483

Protanomaly

17.2187, 15.5642, 59.8543

Deuteranomaly

16.4548, 15.8526, 58.0697

Monochromacy



Original Color

17.0696, 15.9229, 61.8483

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.1269, 11.0852, 23.4357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0696, 15.9229, 61.8483 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(0, 111, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 208)  
}
```

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(0, 111, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 208) }
```

Border

The CSS property to change the border of an element to XYZ 17.0696, 15.9229, 61.8483 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(0, 111, 208) }
```

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

```
.border{ border-color:rgb(0, 111, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
208) }
```


Background

The CSS property to change the background color of an element to XYZ 17.0696, 15.9229, 61.8483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 208) }
```

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

```
.background{ background-color: rgb(0, 111,  
208) }
```

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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