

Converting Colors

$Yxy(11.2816, 0.1152, 0.1293)$

Have a look what the booklet for
Yxy(11.2816, 0.1152, 0.1293)
contains.

Yxy(15.0094, 0.1756, 0.1522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.0094, 0.1756, 0.1522)

Conversions

Conversions Part 1

Format	Color
Hex	0069D7
RGB	0, 105, 215
RGB Percent	0%, 41%, 84%
CMY	1.0000, 0.5882, 0.1568
CMYK	1.00, 0.51, 0.00, 0.16
HSL	211°, 100%, 42%
HSV	211°, 100%, 84%
XYZ	17.3170, 15.0094, 66.2899
YIQ	86.1450, -97.8900, 11.9500

Conversions

Conversions Part 2

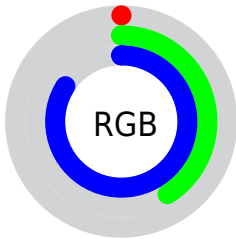
Format	Color
RYB	0, 71, 215
Decimal	27095
CIELab	45.65, 17.73, -63.22
CIELCh	46, 65.661, 285.669
Yxy	15.0094, 0.1756, 0.1522
Android (android.graphics.Color)	4278217175 (0xFF0069D7)
YUV	86.1450, 63.5255, -75.5492
Hunter-Lab	38.7420, 11.9881, -74.3294

Details

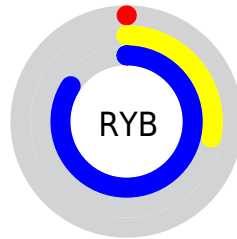
The Yxy color **15.0094, 0.1756, 0.1522** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **25.6069, 0.5387, 0.4104**, and the grayscale version is **9.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4875, 0.2099, 0.1994**, and **5.6311, 0.1667, 0.1200** is the 20% darker color. If you saturate the color by 10%, you get **15.0113, 0.1756, 0.1522**, and if you desaturate by 10%, it is **17.5644, 0.1827, 0.1704**.

Distribution



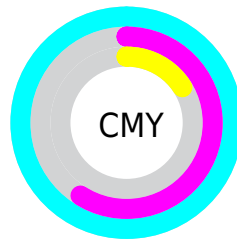
- Red (0%)
- Green (41%)
- Blue (84%)



- Red (0%)
- Yellow (28%)
- Blue (84%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0094, 0.1756, 0.1522 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 Yxy color 15.0094, 0.1756, 0.1522 by changing the saturation by 10% instead.

■ 15.0094, 0.1756,
0.1522

■ 15.0094, 0.1756,
0.1522

■ 223.4231, 0.2503,
0.2430

■ 8.8260, 0.1566,
0.1309

■ 34.8697, 0.2034,
0.1847

■ 4.6279, 0.1327,
0.1053

■ 49.3153, 0.2138,
0.1971

■ 2.0306, 0.1029,
0.0751

■ 67.2838, 0.2224,
0.2077

■ 0.6252, 0.0672,
0.0403

■ 89.1596, 0.2297,
0.2168

■ 0.0000, 0.0000,
0.0000

■ 115.3270, 0.2360,
0.2247

146.1705, 0.2414,

0.2316

182.0744, 0.2461,
0.2376

■ 15.0094, 0.1756,
0.1522

■ 15.0094, 0.1756,
0.1522

■ 15.0113, 0.1756,
0.1522

■ 17.5644, 0.1827,
0.1704

■ 20.6018, 0.1920,
0.1896

■ 24.1942, 0.2036,
0.2096

■ 28.3848, 0.2173,
0.2296

■ 33.2114, 0.2324,
0.2492

■ 38.7074, 0.2484,
0.2679

■ 44.9037, 0.2648,
0.2854

■ 51.8288, 0.2812,
0.3014

■ 59.5096, 0.2973,
0.3160

Harmonies

Analogous

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



15.0094, 0.1262, 0.1604



15.0094, 0.1756, 0.1522



15.0094, 0.2696, 0.1741

Triad

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



15.0094, 0.1756, 0.1522



15.0094, 0.5631, 0.3674



15.0094, 0.2011, 0.4808

Complementary

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



15.0094, 0.1756, 0.1522



25.6069, 0.5387, 0.4104

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.



15.0094, 0.3065, 0.5780



15.0094, 0.1756, 0.1522



15.0094, 0.5148, 0.4533

Square

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



15.0094, 0.1756, 0.1522



15.0094, 0.5253, 0.2913



15.0094, 0.4187, 0.5420



15.0094, 0.1335, 0.3174

Rectangle

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



15.0094, 0.1756, 0.1522



15.0094, 0.3569, 0.2042



15.0094, 0.4187, 0.5420



15.0094, 0.2335, 0.5282

Sweetspot

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



15.0113, 0.1756, 0.1522



65.7830, 0.2644, 0.2849



49.6852, 0.2729, 0.5024



13.2249, 0.2573, 0.2776



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



15.0113, 0.1756, 0.1522



21.7672, 0.1752, 0.1506



4.9075, 0.1500, 0.0600



12.9999, 0.2982, 0.3168



9.1873, 0.1764, 0.1549



0.7196, 0.1852, 0.1867

Inverse Universe

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



15.4706, 0.5031, 0.2545



22.7286, 0.5052, 0.2557



63.0635, 0.4193, 0.5053



12.5209, 0.3215, 0.3177



9.2723, 0.4996, 0.2526



0.5760, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 15.0094, 0.1756, 0.1522 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 Yxy color 15.0094, 0.1756, 0.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

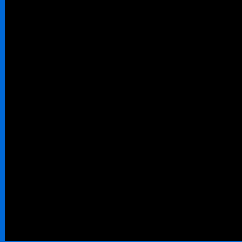
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0094, 0.1756, 0.1522

Background



This preview shows how black text looks on a background with the Yxy color 15.0094, 0.1756, 0.1522.



This preview shows how white text looks on a background with the Yxy color 15.0094, 0.1756, 0.1522.

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

15.0094, 0.1756, 0.1522

Protanopia

15.1307, 0.1808, 0.1535

Deuteranopia

14.9134, 0.1843, 0.1835



Tritanopia

14.9652, 0.2201, 0.3123

Trichromacy



Original Color

15.0094, 0.1756, 0.1522

Protanomaly

14.9378, 0.1780, 0.1525

Deuteranomaly

14.8953, 0.1807, 0.1705

Tritanomaly

14.7647, 0.1993, 0.2376

Monochromacy



Original Color

15.0094, 0.1756, 0.1522

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

10.3344, 0.2224, 0.2363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0094, 0.1756, 0.1522 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, 105, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 215)  
}
```

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, 105, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 215) }
```

Border

The CSS property to change the border of an element to Yxy 15.0094, 0.1756, 0.1522 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, 105, 215) }
```

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

```
.border{ border-color:rgb(0, 105, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0094, 0.1756, 0.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 215) }
```

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

```
.background{ background-color: rgb(0, 105,  
215) }
```

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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