

Converting Colors

$Yxy(15.2687, 0.1761, 0.1479)$

Have a look what the booklet for
Yxy(15.2687, 0.1761, 0.1479)
contains.

Yxy(15.2064, 0.1760, 0.1476)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2064, 0.1760, 0.1476)

Conversions

Conversions Part 1

Format	Color
Hex	1368DC
RGB	19, 104, 220
RGB Percent	7%, 41%, 86%
CMY	0.9265, 0.5921, 0.1373
CMYK	0.91, 0.53, 0.00, 0.14
HSL	215°, 84%, 47%
HSV	215°, 91%, 86%
XYZ	18.1323, 15.2064, 69.6857
YIQ	91.8090, -87.8960, 18.0560

Conversions

Conversions Part 2

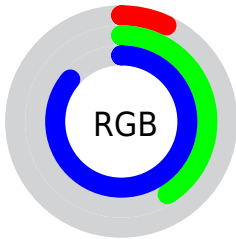
Format	Color
R _Y B	19, 79, 220
Decimal	1272028
CIE Lab	45.92, 20.96, -65.60
CIE LCh	46, 68.870, 287.715
Yxy	15.2064, 0.1760, 0.1476
Android (android.graphics.Color)	4279462108 (0xFF1368DC)
YUV	91.8090, 63.1982, -63.8535
Hunter-Lab	38.9954, 14.7580, -78.6559

Details

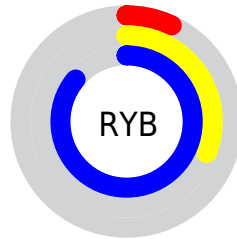
The Yxy color **15.2064, 0.1760, 0.1476** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **32.5103, 0.5058, 0.4299**, and the grayscale version is **10.5073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4570, 0.2119, 0.1988**, and **5.7064, 0.1652, 0.1148** is the 20% darker color. If you saturate the color by 10%, you get **13.0339, 0.1698, 0.1314**, and if you desaturate by 10%, it is **18.2845, 0.1855, 0.1684**.

Distribution



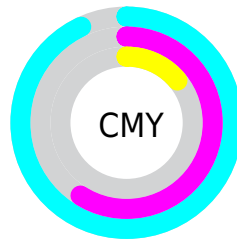
- Red (7%)
- Green (41%)
- Blue (86%)



- Red (7%)
- Yellow (31%)
- Blue (86%)



- Cyan (91%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (93%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2064, 0.1760, 0.1476 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 15.2064, 0.1760, 0.1476 by changing the saturation by 10% instead.

■ 15.2064, 0.1760,
0.1476

■ 15.2064, 0.1760,
0.1476

■ 224.6121, 0.2503,
0.2396

■ 8.9644, 0.1572,
0.1264

■ 35.2149, 0.2036,
0.1802

■ 4.7179, 0.1337,
0.1012

■ 49.7501, 0.2139,
0.1928

■ 2.0827, 0.1044,
0.0718

■ 67.8185, 0.2225,
0.2035

■ 0.6549, 0.0693,
0.0388

■ 89.8045, 0.2298,
0.2128

■ 0.0000, 0.0093,
0.0000

■ 116.0924, 0.2360,
0.2208

■ 0.0000, 0.0000,
0.0000

147.0668, 0.2414,

0.2279

183.1119, 0.2461,
0.2341

■ 15.2064, 0.1760,
0.1476

■ 15.2064, 0.1760,
0.1476

■ 13.0339, 0.1698,
0.1314

■ 18.2845, 0.1855,
0.1684

■ 22.0139, 0.1976,
0.1904

■ 26.4468, 0.2119,
0.2130

■ 31.6286, 0.2278,
0.2352

■ 37.5997, 0.2445,
0.2567

■ 44.3971, 0.2616,
0.2767

■ 52.0554, 0.2785,
0.2952

■ 60.6066, 0.2949,
0.3119

■ 70.0812, 0.3105,
0.3269

Harmonies

Analogous

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



15.2064, 0.1230, 0.1534



15.2064, 0.1760, 0.1476



15.2064, 0.2760, 0.1719

Triad

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



15.2064, 0.1760, 0.1476



15.2064, 0.5708, 0.3715



15.2064, 0.1896, 0.4769

Complementary

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



15.2064, 0.1760, 0.1476



32.5103, 0.5058, 0.4299

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.



15.2064, 0.2960, 0.5880



15.2064, 0.1760, 0.1476



15.2064, 0.5141, 0.4608

Square

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



15.2064, 0.1760, 0.1476



15.2064, 0.5401, 0.2939



15.2064, 0.4118, 0.5537



15.2064, 0.1246, 0.3056

Rectangle

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



15.2064, 0.1760, 0.1476



15.2064, 0.3683, 0.2038



15.2064, 0.4118, 0.5537



15.2064, 0.2220, 0.5295

Sweetspot

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



15.2068, 0.1760, 0.1476



66.4437, 0.2688, 0.2848



53.0071, 0.2642, 0.4656



13.4554, 0.2630, 0.2783



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.



15.2068, 0.1760, 0.1476



17.9556, 0.1694, 0.1299



5.9336, 0.1566, 0.0676



13.5196, 0.2982, 0.3152



7.8602, 0.1706, 0.1342



0.6776, 0.1795, 0.1662

Inverse Universe

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



16.6716, 0.5075, 0.2624



22.3438, 0.5328, 0.2709



64.4346, 0.4070, 0.5110



13.1426, 0.3226, 0.3191



9.4173, 0.5270, 0.2677



0.6271, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 15.2064, 0.1760, 0.1476 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 15.2064, 0.1760, 0.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

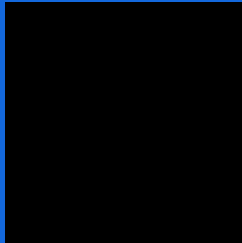
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

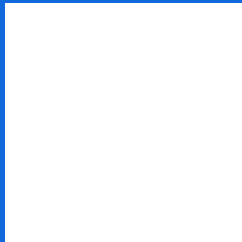
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.2064, 0.1760, 0.1476

Background



This preview shows how black text looks on a background with the Yxy color 15.2064, 0.1760, 0.1476.



This preview shows how white text looks on a background with the Yxy color 15.2064, 0.1760, 0.1476.

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

15.2064, 0.1760, 0.1476

Protanopia

15.1965, 0.1759, 0.1475

Deuteranopia

15.1305, 0.1848, 0.1853



Tritanopia

14.9915, 0.2195, 0.3100

Trichromacy



Original Color

15.2064, 0.1760, 0.1476

Protanomaly

15.1965, 0.1759, 0.1475

Deuteranomaly

15.0346, 0.1809, 0.1688

Tritanomaly

14.6530, 0.1988, 0.2323

Monochromacy



Original Color

15.2064, 0.1760, 0.1476

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.3536, 0.2277, 0.2345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2064, 0.1760, 0.1476 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(19, 104, 220)` looks like.

```
.text, #text, p{  
    color:rgb(19, 104, 220)  
}
```

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(19, 104, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 104, 220) }
```

Border

The CSS property to change the border of an element to Yxy 15.2064, 0.1760, 0.1476 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(19, 104, 220) }
```

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

```
.border{ border-color:rgb(19, 104, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 104, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 104, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 104, 220);  
box-shadow:4px 4px 4px 4px rgb(19, 104,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2064, 0.1760, 0.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 104, 220) }
```

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

```
.background{ background-color: rgb(19, 104,  
220) }
```

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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