

Converting Colors

$Yxy(15.1914, 0.1713, 0.1129)$

Have a look what the booklet for
Yxy(15.1914, 0.1713, 0.1129)
contains.

Yxy(15.2361, 0.1714, 0.1132)	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(15.2361, 0.1714, 0.1132)

Conversions

Conversions Part 1

Format	Color
Hex	335AFF
RGB	51, 90, 255
RGB Percent	20%, 35%, 100%
CMY	0.7994, 0.6471, 0.0002
CMYK	0.80, 0.65, 0.00, 0.00
HSL	229°, 100%, 60%
HSV	229°, 80%, 100%
XYZ	23.0695, 15.2361, 96.2889
YIQ	97.1490, -76.2090, 43.0470

Conversions

Conversions Part 2

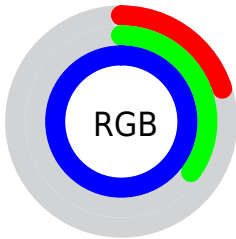
Format	Color
R _Y B	51, 84, 255
Decimal	3365631
CIE Lab	45.96, 44.84, -85.15
CIE LCh	46, 96.235, 297.771
Yxy	15.2361, 0.1714, 0.1132
Android (android.graphics.Color)	4281555711 (0xFF335AFF)
YUV	97.1490, 77.8205, -40.4727
Hunter-Lab	39.0334, 37.1883, -118.9350

Details

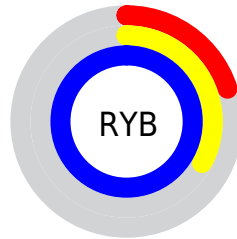
The Yxy color **15.2361, 0.1714, 0.1132** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **70.6520, 0.4417, 0.4699**, and the grayscale version is **11.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.7220, 0.2207, 0.1851**, and **5.9080, 0.1567, 0.0840** is the 20% darker color. If you saturate the color by 10%, you get **11.7329, 0.1609, 0.0916**, and if you desaturate by 10%, it is **20.0686, 0.1858, 0.1395**.

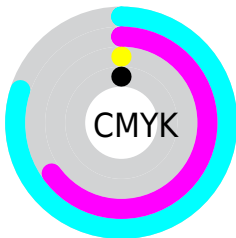
Distribution



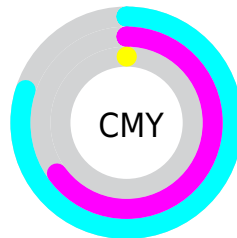
- Red (20%)
- Green (35%)
- Blue (100%)



- Red (20%)
- Yellow (33%)
- Blue (100%)



- Cyan (80%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2361, 0.1714, 0.1132 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 15.2361, 0.1714, 0.1132 by changing the saturation by 10% instead.


 15.2361, 0.1714,
0.1132


 15.2361, 0.1714,
0.1132


224.7909, 0.2471,
0.2131


 8.9853, 0.1532,
0.0933


 35.2668, 0.1988,
0.1462


 4.7316, 0.1312,
0.0710


 49.8155, 0.2092,
0.1596


 2.0906, 0.1046,
0.0472

 67.8989, 0.2181,
0.1714

 0.6594, 0.0735,
0.0235

 89.9015, 0.2256,
0.1818

 0.0000, 0.0399,
0.0000

 116.2076, 0.2321,
0.1910

 0.0000, 0.0000,
0.0000

147.2015, 0.2378,

0.1992

183.2678, 0.2427,
0.2065

■ 15.2361, 0.1714,
0.1132

■ 15.2361, 0.1714,
0.1132

■ 11.7329, 0.1609,
0.0916

■ 20.0686, 0.1858,
0.1395

■ 9.3918, 0.1544,
0.0758

■ 26.3541, 0.2031,
0.1689

■ 9.3802, 0.1544,
0.0757

■ 34.2022, 0.2222,
0.1995

■ 43.7112, 0.2420,
0.2296

■ 54.9712, 0.2614,
0.2582

■ 68.0657, 0.2800,
0.2845

■ 83.0725, 0.2972,
0.3082

99.9967, 0.3127,
0.3291

Harmonies

Analogous

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



15.2361, 0.0971, 0.1066



15.2361, 0.1714, 0.1132



15.2361, 0.3178, 0.1505

Triad

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



15.2361, 0.1714, 0.1132



15.2361, 0.6169, 0.3831



15.2361, 0.1118, 0.4490

Complementary

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



15.2361, 0.1714, 0.1132



70.6520, 0.4417, 0.4699

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.



15.2361, 0.2169, 0.6794



15.2361, 0.1714, 0.1132



15.2361, 0.4977, 0.5023

Square

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



15.2361, 0.1714, 0.1132



15.2361, 0.6426, 0.2947



15.2361, 0.3538, 0.6462



15.2361, 0.0680, 0.2264

Rectangle

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



15.2361, 0.1714, 0.1132



15.2361, 0.4529, 0.1927



15.2361, 0.3538, 0.6462



15.2361, 0.1408, 0.5449

Sweetspot

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



15.2364, 0.1714, 0.1132



62.5492, 0.2726, 0.2742



77.0595, 0.2435, 0.3808



12.4013, 0.2660, 0.2647



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.



15.2364, 0.1714, 0.1132



10.1990, 0.1566, 0.0813



13.0608, 0.1926, 0.0969



17.9380, 0.2979, 0.3092



5.0623, 0.1550, 0.0779



0.6340, 0.1602, 0.0966

Inverse Universe

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



24.3689, 0.5486, 0.3021



21.7755, 0.6038, 0.3124



83.1715, 0.3709, 0.5270



18.0436, 0.3264, 0.3245



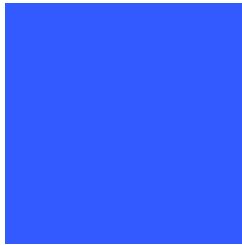
11.2390, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 15.2361, 0.1714, 0.1132 looks on a white background.

Color Contrast Check

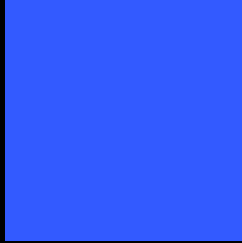
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2361, 0.1714, 0.1132 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 15.2361, 0.1714, 0.1132

Background



This preview shows how black text looks on a background with the Yxy color 15.2361, 0.1714, 0.1132.



This preview shows how white text looks on a background with the Yxy color 15.2361, 0.1714, 0.1132.

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

15.2361, 0.1714, 0.1132

Protanopia

15.0151, 0.1743, 0.1476

Deuteranopia

14.9997, 0.1858, 0.1888



Tritanopia

14.9652, 0.2201, 0.3123

Trichromacy



Original Color

15.2361, 0.1714, 0.1132

Protanomaly

14.8883, 0.1717, 0.1325

Deuteranomaly

14.5924, 0.1775, 0.1523

Tritanomaly

14.1317, 0.1923, 0.2031

Monochromacy



Original Color

15.2361, 0.1714, 0.1132

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.0440, 0.2290, 0.2099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2361, 0.1714, 0.1132 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(51, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 90, 255)  
}
```

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(51, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 90, 255) }
```

Border

The CSS property to change the border of an element to Yxy 15.2361, 0.1714, 0.1132 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(51, 90, 255) }
```

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

```
.border{ border-color:rgb(51, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 90,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2361, 0.1714, 0.1132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 90, 255) }
```

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

```
.background{ background-color: rgb(51, 90,  
255) }
```

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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