

Converting Colors

$Yxy(14.0744, 0.1654, 0.1152)$

Have a look what the booklet for
Yxy(14.0744, 0.1654, 0.1152)
contains.

Yxy(14.0812, 0.1654, 0.1151)	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>	29

Color

Yxy(14.0812, 0.1654, 0.1151)

Conversions

Conversions Part 1

Format	Color
Hex	015BF5
RGB	1, 91, 245
RGB Percent	0%, 36%, 96%
CMY	0.9949, 0.6431, 0.0393
CMYK	0.99, 0.63, 0.00, 0.04
HSL	218°, 99%, 48%
HSV	218°, 99%, 96%
XYZ	20.2348, 14.0812, 88.0228
YIQ	81.6460, -103.0740, 28.8140

Conversions

Conversions Part 2

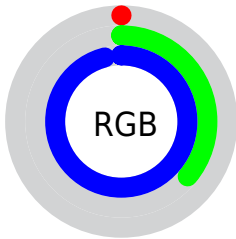
Format	Color
RYB	1, 67, 245
Decimal	89077
CIELab	44.35, 38.43, -82.26
CIELCh	44, 90.796, 295.040
Yxy	14.0812, 0.1654, 0.1151
Android (android.graphics.Color)	4278279157 (0xFF015BF5)
YUV	81.6460, 80.5335, -70.7265
Hunter-Lab	37.5249, 30.5853, -112.8100

Details

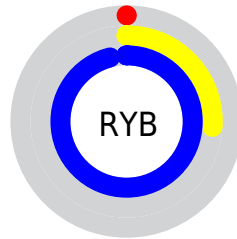
The Yxy color **14.0812, 0.1654, 0.1151** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **42.9474, 0.5039, 0.4378**, and the grayscale version is **8.2333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7145, 0.2108, 0.1828**, and **5.6209, 0.1581, 0.0890** is the 20% darker color. If you saturate the color by 10%, you get **13.9342, 0.1651, 0.1141**, and if you desaturate by 10%, it is **17.2150, 0.1729, 0.1347**.

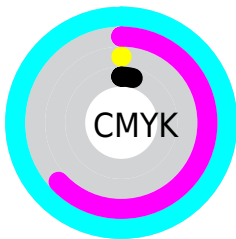
Distribution



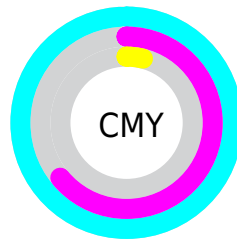
- Red (0%)
- Green (36%)
- Blue (96%)



- Red (0%)
- Yellow (26%)
- Blue (96%)



- Cyan (99%)
- Magenta (63%)
- Yellow (0%)
- Black (4%)




- Cyan (99%)
- Magenta (64%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0812, 0.1654, 0.1151 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 14.0812, 0.1654, 0.1151 by changing the saturation by 10% instead.


 14.0812, 0.1654,
0.1151


 14.0812, 0.1654,
0.1151


217.7354, 0.2446,
0.2165


 8.1772, 0.1463,
0.0944


 33.2330, 0.1942,
0.1490


 4.2085, 0.1231,
0.0712


 47.2496, 0.2051,
0.1627

 1.7909, 0.0954,
0.0463

 64.7392, 0.2143,
0.1747

 0.4815, 0.0636,
0.0201

 86.0861, 0.2222,
0.1852

 0.0000, 0.0245,
0.0000

 111.6748, 0.2290,
0.1944

 0.0000, 0.0000,
0.0000

141.8897, 0.2349,

0.2026

177.1150, 0.2401,
0.2100

■ 14.0812, 0.1654,
0.1151

■ 14.0812, 0.1654,
0.1151

■ 13.9342, 0.1651,
0.1141

■ 17.2150, 0.1729,
0.1347

■ 21.1856, 0.1833,
0.1568

■ 26.0948, 0.1965,
0.1807

■ 32.0158, 0.2119,
0.2054

■ 39.0129, 0.2288,
0.2299

■ 47.1441, 0.2465,
0.2534

■ 56.4627, 0.2642,
0.2754

■ 67.0182, 0.2815,
0.2955

■ 78.8571, 0.2980,
0.3136

Harmonies

Analogous

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



14.0812, 0.0966, 0.1114



14.0812, 0.1654, 0.1151



14.0812, 0.3019, 0.1493

Triad

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



14.0812, 0.1654, 0.1151



14.0812, 0.6192, 0.3770



14.0812, 0.1242, 0.4708

Complementary

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



14.0812, 0.1654, 0.1151



42.9474, 0.5039, 0.4378

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.



14.0812, 0.2334, 0.6748



14.0812, 0.1654, 0.1151



14.0812, 0.5096, 0.4904

Square

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



14.0812, 0.1654, 0.1151



14.0812, 0.6300, 0.2907



14.0812, 0.3704, 0.6296



14.0812, 0.0741, 0.2439

Rectangle

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



14.0812, 0.1654, 0.1151



14.0812, 0.4308, 0.1896



14.0812, 0.3704, 0.6296



14.0812, 0.1552, 0.5608

Sweetspot

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



14.0815, 0.1654, 0.1151



61.2054, 0.2631, 0.2741



67.5551, 0.2616, 0.4615



12.1498, 0.2557, 0.2650



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.



14.0815, 0.1654, 0.1151



15.2019, 0.1649, 0.1138



6.8914, 0.1537, 0.0622



16.9257, 0.2980, 0.3136



7.7494, 0.1659, 0.1171



0.8704, 0.1728, 0.1419

Inverse Universe

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



20.1926, 0.5535, 0.2826



22.0658, 0.5556, 0.2834



79.9798, 0.3986, 0.5215



16.5834, 0.3236, 0.3203



10.8817, 0.5508, 0.2808



0.9755, 0.5165, 0.2619

Previews

White Background



This preview shows how the Yxy color 14.0812, 0.1654, 0.1151 looks on a white background.

Color Contrast Check

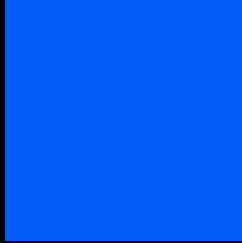
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0812, 0.1654, 0.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

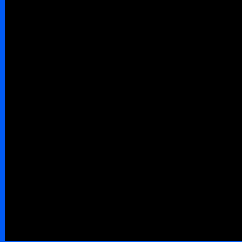
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0812, 0.1654, 0.1151

Background



This preview shows how black text looks on a background with the Yxy color 14.0812, 0.1654, 0.1151.

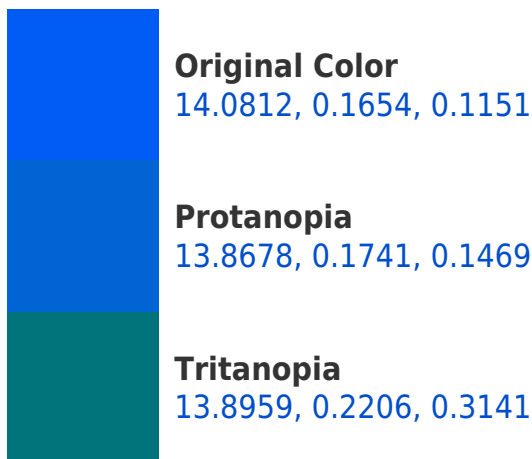


This preview shows how white text looks on a background with the Yxy color 14.0812, 0.1654, 0.1151.

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



Trichromacy



Original Color

14.0812, 0.1654, 0.1151

Protanomaly

13.9312, 0.1706, 0.1340

Tritanomaly

13.3054, 0.1911, 0.2078

Monochromacy



Original Color

14.0812, 0.1654, 0.1151

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

9.1770, 0.2109, 0.2032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0812, 0.1654, 0.1151 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(1, 91, 245)` looks like.

```
.text, #text, p{  
    color:rgb(1, 91, 245)  
}
```

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(1, 91, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 91, 245) }
```

Border

The CSS property to change the border of an element to Yxy 14.0812, 0.1654, 0.1151 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(1, 91, 245) }
```

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

```
.border{ border-color:rgb(1, 91, 245) }
```

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

Here you see how a box with a 4 pixel rgb(1, 91, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 91, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 91, 245);  
box-shadow:4px 4px 4px 4px rgb(1, 91, 245)  
}
```

Background

The CSS property to change the background color of an element to Yxy 14.0812, 0.1654, 0.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 91, 245) }
```

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

```
.background{ background-color: rgb(1, 91,  
245) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor