

Converting Colors

$Yxy(14.7084, 0.1650, 0.1132)$

Have a look what the booklet for
Yxy(14.7084, 0.1650, 0.1132)
contains.

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Color

Yxy(14.7019, 0.1650, 0.1131)

Conversions

Conversions Part 1

Format	Color
Hex	045CFC
RGB	4, 92, 252
RGB Percent	2%, 36%, 99%
CMY	0.9848, 0.6394, 0.0116
CMYK	0.98, 0.64, 0.00, 0.01
HSL	219°, 98%, 50%
HSV	219°, 98%, 99%
XYZ	21.4484, 14.7019, 93.8400
YIQ	83.9280, -103.8080, 31.1040

Conversions

Conversions Part 2

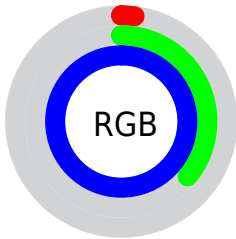
Format	Color
R _Y B	4, 69, 252
Decimal	285948
CIE Lab	45.22, 40.51, -84.77
CIE LCh	45, 93.956, 295.544
Yxy	14.7019, 0.1650, 0.1131
Android (android.graphics.Color)	4278476028 (0xFF045CFC)
YUV	83.9280, 82.8595, -70.0969
Hunter-Lab	38.3431, 32.7492, -118.2649

Details

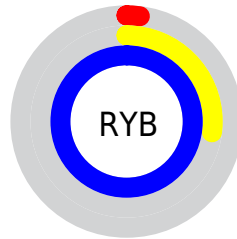
The Yxy color **14.7019, 0.1650, 0.1131** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **47.2480, 0.4990, 0.4411**, and the grayscale version is **8.6792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2108, 0.2127, 0.1847**, and **6.0089, 0.1577, 0.0878** is the 20% darker color. If you saturate the color by 10%, you get **14.2527, 0.1640, 0.1103**, and if you desaturate by 10%, it is **18.0631, 0.1727, 0.1329**.

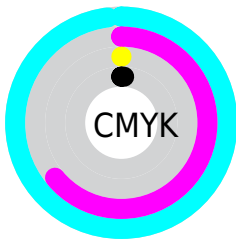
Distribution



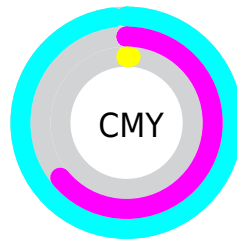
- Red (2%)
- Green (36%)
- Blue (99%)



- Red (2%)
- Yellow (27%)
- Blue (99%)



- Cyan (98%)
- Magenta (64%)
- Yellow (0%)
- Black (1%)





- Cyan (98%)
- Magenta (64%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7019, 0.1650, 0.1131 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 14.7019, 0.1650, 0.1131 by changing the saturation by 10% instead.


 14.7019, 0.1650,
0.1131


 14.7019, 0.1650,
0.1131


221.5547, 0.2438,
0.2140


 8.6104, 0.1463,
0.0928


 34.3294, 0.1934,
0.1465


 4.4880, 0.1236,
0.0702


 48.6342, 0.2043,
0.1601


 1.9501, 0.0966,
0.0461

 66.4455, 0.2135,
0.1721

 0.5782, 0.0656,
0.0217

 88.1479, 0.2213,
0.1826

 0.0000, 0.0307,
0.0000

 114.1256, 0.2281,
0.1918

 0.0000, 0.0000,
0.0000

144.7630, 0.2340,

0.2001

180.4446, 0.2392,
0.2074

■ 14.7019, 0.1650,
0.1131

■ 14.7019, 0.1650,
0.1131

■ 14.2527, 0.1640,
0.1103

■ 18.0631, 0.1727,
0.1329

■ 22.3563, 0.1835,
0.1555

■ 27.6837, 0.1971,
0.1799

■ 34.1247, 0.2129,
0.2051

■ 41.7494, 0.2301,
0.2300

■ 50.6212, 0.2479,
0.2539

■ 60.7984, 0.2658,
0.2763

■ 72.3353, 0.2831,
0.2967

■ 85.2831, 0.2996,
0.3150

Harmonies

Analogous

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



14.7019, 0.0950, 0.1088



14.7019, 0.1650, 0.1131



14.7019, 0.3044, 0.1480

Triad

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



14.7019, 0.1650, 0.1131



14.7019, 0.6218, 0.3773



14.7019, 0.1196, 0.4688

Complementary

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



14.7019, 0.1650, 0.1131



47.2480, 0.4990, 0.4411

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.



14.7019, 0.2282, 0.6811



14.7019, 0.1650, 0.1131



14.7019, 0.5078, 0.4922

Square

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



14.7019, 0.1650, 0.1131



14.7019, 0.6360, 0.2901



14.7019, 0.3657, 0.6343



14.7019, 0.0711, 0.2391

Rectangle

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



14.7019, 0.1650, 0.1131



14.7019, 0.4362, 0.1887



14.7019, 0.3657, 0.6343



14.7019, 0.1502, 0.5619

Sweetspot

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



14.7022, 0.1650, 0.1131



60.7197, 0.2630, 0.2729



72.2490, 0.2597, 0.4542



12.0364, 0.2555, 0.2636



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.



14.7022, 0.1650, 0.1131



14.6184, 0.1640, 0.1102



7.5075, 0.1551, 0.0634



17.6510, 0.2979, 0.3133



7.6726, 0.1648, 0.1133



0.9023, 0.1714, 0.1369

Inverse Universe

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



21.5597, 0.5562, 0.2846



22.0069, 0.5607, 0.2863



84.7108, 0.3957, 0.5234



17.3270, 0.3238, 0.3206



11.1855, 0.5562, 0.2838



1.0553, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 14.7019, 0.1650, 0.1131 looks on a white background.

Color Contrast Check

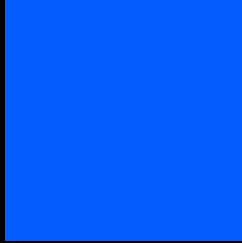
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7019, 0.1650, 0.1131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

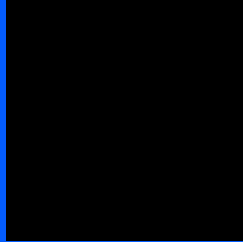
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

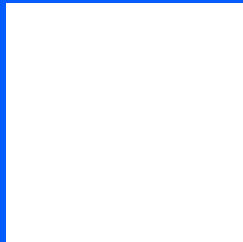
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.7019, 0.1650, 0.1131

Background



This preview shows how black text looks on a background with the Yxy color 14.7019, 0.1650, 0.1131.



This preview shows how white text looks on a background with the Yxy color 14.7019, 0.1650, 0.1131.

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

14.7084, 0.1650, 0.1132

Protanopia

14.4606, 0.1741, 0.1469

Deuteranopia

14.4401, 0.1857, 0.1885



Tritanopia

14.4375, 0.2200, 0.3120

Trichromacy



Original Color

14.7084, 0.1650, 0.1132

Protanomaly

14.3990, 0.1702, 0.1323

Deuteranomaly

14.3104, 0.1762, 0.1540

Tritanomaly

13.8840, 0.1908, 0.2065

Monochromacy



Original Color

14.7084, 0.1650, 0.1132

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.6729, 0.2108, 0.2020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7019, 0.1650, 0.1131 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(4, 92, 252)` looks like.

```
.text, #text, p{  
    color:rgb(4, 92, 252)  
}
```

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(4, 92, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 92, 252) }
```

Border

The CSS property to change the border of an element to Yxy 14.7019, 0.1650, 0.1131 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(4, 92, 252) }
```

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

```
.border{ border-color:rgb(4, 92, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 92, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 92, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 92, 252);  
box-shadow:4px 4px 4px 4px rgb(4, 92, 252)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.7019, 0.1650, 0.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 92, 252) }
```

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

```
.background{ background-color: rgb(4, 92,  
252) }
```

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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