

Converting Colors

$Yxy(14.0568, 0.1647, 0.1129)$

Have a look what the booklet for
Yxy(14.0568, 0.1647, 0.1129)
contains.

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Color

Yxy(14.0277, 0.1647, 0.1130)

Conversions

Conversions Part 1

Format	Color
Hex	005AF7
RGB	0, 90, 247
RGB Percent	0%, 35%, 97%
CMY	1.0000, 0.6471, 0.0312
CMYK	1.00, 0.64, 0.00, 0.03
HSL	218°, 100%, 48%
HSV	218°, 100%, 97%
XYZ	20.4457, 14.0277, 89.6656
YIQ	80.9880, -104.0370, 29.7470

Conversions

Conversions Part 2

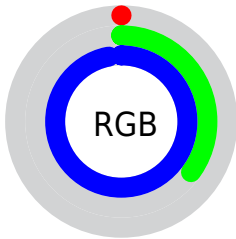
Format	Color
R _Y B	0, 66, 247
Decimal	23287
CIE Lab	44.27, 39.79, -83.55
CIE LCh	44, 92.538, 295.468
Yxy	14.0277, 0.1647, 0.1130
Android (android.graphics.Color)	4278213367 (0xFF005AF7)
YUV	80.9880, 81.8439, -71.0265
Hunter-Lab	37.4536, 31.8983, -115.7255

Details

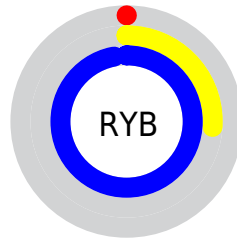
The Yxy color **14.0277, 0.1647, 0.1130** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **43.9136, 0.5035, 0.4384**, and the grayscale version is **8.0787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4869, 0.2111, 0.1818**, and **5.6281, 0.1576, 0.0873** is the 20% darker color. If you saturate the color by 10%, you get **14.0310, 0.1647, 0.1130**, and if you desaturate by 10%, it is **17.1690, 0.1721, 0.1324**.

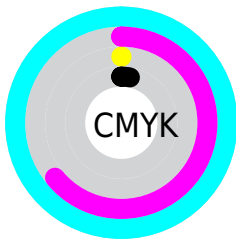
Distribution



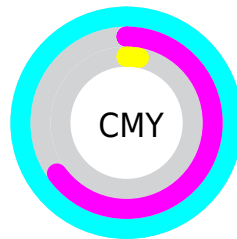
- Red (0%)
- Green (35%)
- Blue (97%)



- Red (0%)
- Yellow (26%)
- Blue (97%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (65%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0277, 0.1647, 0.1130 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 14.0277, 0.1647, 0.1130 by changing the saturation by 10% instead.


 14.0277, 0.1647,
0.1130

 14.0277, 0.1647,
0.1130


217.4031, 0.2442,
0.2148


 8.1399, 0.1456,
0.0924


 33.1382, 0.1935,
0.1469


 4.1846, 0.1225,
0.0694


 47.1297, 0.2045,
0.1606


 1.7774, 0.0949,
0.0449

 64.5912, 0.2138,
0.1727

 0.4730, 0.0634,
0.0192

 85.9071, 0.2217,
0.1832

 0.0000, 0.0254,
0.0000

 111.4619, 0.2285,
0.1926

 0.0000, 0.0000,
0.0000

141.6399, 0.2344,

0.2008

176.8255, 0.2396,
0.2082

■ 14.0277, 0.1647,
0.1130

■ 14.0277, 0.1647,
0.1130

■ 14.0310, 0.1647,
0.1130

■ 17.1690, 0.1721,
0.1324

■ 21.1565, 0.1824,
0.1545

■ 26.1031, 0.1955,
0.1785

■ 32.0848, 0.2109,
0.2033

■ 39.1679, 0.2278,
0.2279

■ 47.4126, 0.2454,
0.2517

■ 56.8738, 0.2632,
0.2739

■ 67.6029, 0.2805,
0.2943

■ 79.6477, 0.2971,
0.3126

Harmonies

Analogous

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



14.0277, 0.0949, 0.1087



14.0277, 0.1647, 0.1130



14.0277, 0.3039, 0.1478

Triad

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



14.0277, 0.1647, 0.1130



14.0277, 0.6226, 0.3772



14.0277, 0.1197, 0.4695

Complementary

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



14.0277, 0.1647, 0.1130



43.9136, 0.5035, 0.4384

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.



14.0277, 0.2285, 0.6814



14.0277, 0.1647, 0.1130



14.0277, 0.5081, 0.4919

Square

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



14.0277, 0.1647, 0.1130



14.0277, 0.6360, 0.2899



14.0277, 0.3660, 0.6340



14.0277, 0.0711, 0.2394

Rectangle

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



14.0277, 0.1647, 0.1130



14.0277, 0.4357, 0.1885



14.0277, 0.3660, 0.6340



14.0277, 0.1504, 0.5627

Sweetspot

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



14.0310, 0.1647, 0.1130



61.0649, 0.2631, 0.2738



68.9681, 0.2601, 0.4562



12.1170, 0.2556, 0.2646



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.



14.0310, 0.1647, 0.1130



15.0307, 0.1647, 0.1127



7.0408, 0.1543, 0.0623



16.9151, 0.2980, 0.3135



7.6635, 0.1656, 0.1160



0.8620, 0.1725, 0.1409

Inverse Universe

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



20.5214, 0.5566, 0.2840



22.0485, 0.5571, 0.2842



80.8647, 0.3956, 0.5241



16.5823, 0.3236, 0.3204



10.8730, 0.5523, 0.2816



0.9747, 0.5179, 0.2627

Previews

White Background



This preview shows how the Yxy color 14.0277, 0.1647, 0.1130 looks on a white background.

Color Contrast Check

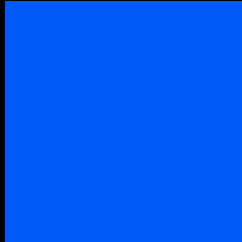
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0277, 0.1647, 0.1130 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 14.0277, 0.1647, 0.1130

Background



This preview shows how black text looks on a background with the Yxy color 14.0277, 0.1647, 0.1130.



This preview shows how white text looks on a background with the Yxy color 14.0277, 0.1647, 0.1130.

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

14.0277, 0.1647, 0.1130

Protanopia

13.8678, 0.1741, 0.1469

Deuteranopia

13.8516, 0.1860, 0.1894



Tritanopia

13.8959, 0.2206, 0.3141

Trichromacy



Original Color

14.0277, 0.1647, 0.1130

Protanomaly

13.8020, 0.1700, 0.1320

Deuteranomaly

13.7151, 0.1762, 0.1542

Tritanomaly

13.3054, 0.1911, 0.2078

Monochromacy



Original Color

14.0277, 0.1647, 0.1130

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.9938, 0.2096, 0.2006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0277, 0.1647, 0.1130 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, 90, 247)` looks like.

```
.text, #text, p{  
  color:rgb(0, 90, 247)  
}
```

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, 90, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 247) }
```

Border

The CSS property to change the border of an element to Yxy 14.0277, 0.1647, 0.1130 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, 90, 247) }
```

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

```
.border{ border-color:rgb(0, 90, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 247)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0277, 0.1647, 0.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 247) }
```

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

```
.background{ background-color: rgb(0, 90,  
247) }
```

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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