

Converting Colors

$Yxy(14.1874, 0.1662, 0.1182)$

Have a look what the booklet for
Yxy(14.1874, 0.1662, 0.1182)
contains.

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Color

Yxy(14.2395, 0.1663, 0.1188)

Conversions

Conversions Part 1

Format	Color
Hex	005DF2
RGB	0, 93, 242
RGB Percent	0%, 36%, 95%
CMY	1.0000, 0.6352, 0.0510
CMYK	1.00, 0.62, 0.00, 0.05
HSL	217°, 100%, 47%
HSV	217°, 100%, 95%
XYZ	19.9329, 14.2395, 85.6887
YIQ	82.1790, -103.2570, 26.6230

Conversions

Conversions Part 2

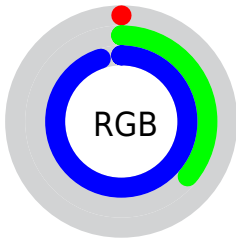
Format	Color
R _{YB}	0, 67, 242
Decimal	24050
CIE Lab	44.57, 35.97, -80.21
CIE LCh	45, 87.906, 294.150
Yxy	14.2395, 0.1663, 0.1188
Android (android.graphics.Color)	4278214130 (0xFF005DF2)
YUV	82.1790, 78.7918, -72.0710
Hunter-Lab	37.7353, 28.2524, -108.2202

Details

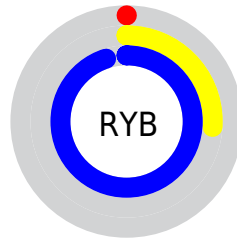
The Yxy color **14.2395, 0.1663, 0.1188** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **40.3544, 0.5092, 0.4339**, and the grayscale version is **8.3338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2444, 0.2108, 0.1852**, and **5.6994, 0.1589, 0.0919** is the 20% darker color. If you saturate the color by 10%, you get **14.2438, 0.1664, 0.1188**, and if you desaturate by 10%, it is **17.3158, 0.1737, 0.1382**.

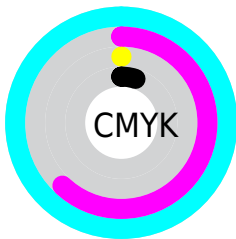
Distribution



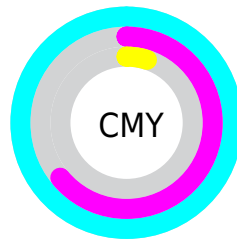
- Red (0%)
- Green (36%)
- Blue (95%)



- Red (0%)
- Yellow (26%)
- Blue (95%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2395, 0.1663, 0.1188 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 14.2395, 0.1663, 0.1188 by changing the saturation by 10% instead.


 14.2395, 0.1663,
0.1188


 14.2395, 0.1663,
0.1188


218.7157, 0.2451,
0.2193


 8.2874, 0.1472,
0.0980


 33.5134, 0.1950,
0.1527


 4.2794, 0.1240,
0.0744


 47.6040, 0.2059,
0.1663

 1.8311, 0.0960,
0.0490

 65.1762, 0.2150,
0.1781

 0.5064, 0.0639,
0.0220

 86.6145, 0.2229,
0.1885

 0.0000, 0.0231,
0.0000

 112.3032, 0.2296,
0.1976

 0.0000, 0.0000,
0.0000

142.6267, 0.2355,

0.2057

177.9694, 0.2406,
0.2129

■ 14.2395, 0.1663,
0.1188

■ 14.2395, 0.1663,
0.1188

■ 14.2438, 0.1664,
0.1188

■ 17.3158, 0.1737,
0.1382

■ 21.1693, 0.1839,
0.1600

■ 25.9061, 0.1968,
0.1834

■ 31.5953, 0.2119,
0.2075

■ 38.2976, 0.2285,
0.2314

■ 46.0676, 0.2459,
0.2543

■ 54.9555, 0.2635,
0.2758

■ 65.0078, 0.2807,
0.2954

■ 76.2684, 0.2972,
0.3132

Harmonies

Analogous

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



14.2395, 0.0994, 0.1162



14.2395, 0.1663, 0.1188



14.2395, 0.2978, 0.1519

Triad

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



14.2395, 0.1663, 0.1188



14.2395, 0.6135, 0.3762



14.2395, 0.1324, 0.4736

Complementary

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



14.2395, 0.1663, 0.1188



40.3544, 0.5092, 0.4339

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.



14.2395, 0.2424, 0.6634



14.2395, 0.1663, 0.1188



14.2395, 0.5126, 0.4874

Square

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



14.2395, 0.1663, 0.1188



14.2395, 0.6190, 0.2915



14.2395, 0.3786, 0.6214



14.2395, 0.0798, 0.2524

Rectangle

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



14.2395, 0.1663, 0.1188



14.2395, 0.4216, 0.1912



14.2395, 0.3786, 0.6214



14.2395, 0.1640, 0.5583

Sweetspot

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



14.2438, 0.1664, 0.1188



61.8123, 0.2633, 0.2756



65.5445, 0.2634, 0.4682



12.2917, 0.2559, 0.2667



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.



14.2438, 0.1664, 0.1188



15.9618, 0.1662, 0.1183



6.6064, 0.1527, 0.0615



16.2250, 0.2980, 0.3141



7.8978, 0.1672, 0.1218



0.8439, 0.1744, 0.1480

Inverse Universe

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



19.6651, 0.5483, 0.2794



22.1425, 0.5490, 0.2798



78.3666, 0.4016, 0.5193



15.8594, 0.3233, 0.3200



10.5906, 0.5440, 0.2771



0.8999, 0.5086, 0.2575

Previews

White Background



This preview shows how the Yxy color 14.2395, 0.1663, 0.1188 looks on a white background.

Color Contrast Check

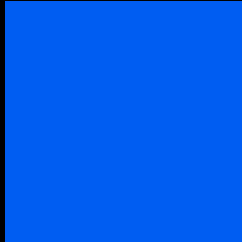
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2395, 0.1663, 0.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

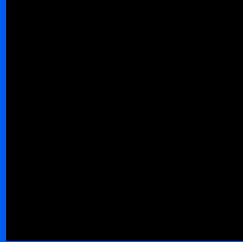
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2395, 0.1663, 0.1188

Background



This preview shows how black text looks on a background with the Yxy color 14.2395, 0.1663, 0.1188.



This preview shows how white text looks on a background with the Yxy color 14.2395, 0.1663, 0.1188.

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

14.2395, 0.1663, 0.1188

Protanopia

14.1624, 0.1741, 0.1469

Deuteranopia

14.1440, 0.1858, 0.1890



Tritanopia

13.9208, 0.2199, 0.3118

Trichromacy



Original Color

14.2395, 0.1663, 0.1188

Protanomaly

14.1172, 0.1710, 0.1354

Deuteranomaly

14.0601, 0.1773, 0.1583

Tritanomaly

13.4783, 0.1921, 0.2114

Monochromacy



Original Color

14.2395, 0.1663, 0.1188

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

9.2791, 0.2113, 0.2068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2395, 0.1663, 0.1188 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, 93, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 242)  
}
```

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, 93, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 242) }
```

Border

The CSS property to change the border of an element to Yxy 14.2395, 0.1663, 0.1188 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, 93, 242) }
```

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

```
.border{ border-color:rgb(0, 93, 242) }
```

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

Here you see how a box with a 4 pixel rgb(0, 93, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 242)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.2395, 0.1663, 0.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 242) }
```

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

```
.background{ background-color: rgb(0, 93,  
242) }
```

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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