

Converting Colors

$Yxy(14.0954, 0.1701, 0.1321)$

Have a look what the booklet for
Yxy(14.0954, 0.1701, 0.1321)
contains.

Yxy(14.1019, 0.1701, 0.1322)	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(14.1019, 0.1701, 0.1322)

Conversions

Conversions Part 1

Format	Color
Hex	0061E3
RGB	0, 97, 227
RGB Percent	0%, 38%, 89%
CMY	0.9981, 0.6195, 0.1099
CMYK	1.00, 0.57, 0.00, 0.11
HSL	214°, 100%, 45%
HSV	214°, 100%, 89%
XYZ	18.1447, 14.1019, 74.4243
YIQ	82.8170, -99.5420, 19.8660

Conversions

Conversions Part 2

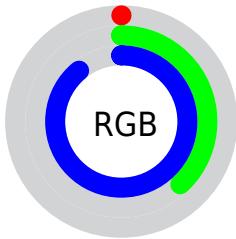
Format	Color
RYB	0, 68, 227
Decimal	25059
CIELab	44.38, 27.65, -72.08
CIELCh	44, 77.196, 290.986
Yxy	14.1019, 0.1701, 0.1322
Android (android.graphics.Color)	4278215139 (0xFF0061E3)
YUV	82.8170, 71.0822, -72.6305
Hunter-Lab	37.5525, 20.5313, -91.2186

Details

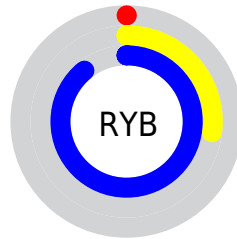
The Yxy color **14.1019, 0.1701, 0.1322** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **32.4085, 0.5205, 0.4248**, and the grayscale version is **8.5128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1516, 0.2094, 0.1895**, and **5.3583, 0.1617, 0.1021** is the 20% darker color. If you saturate the color by 10%, you get **14.0489, 0.1700, 0.1318**, and if you desaturate by 10%, it is **16.8915, 0.1775, 0.1514**.

Distribution



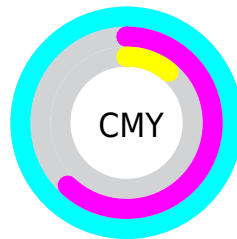
- Red (0%)
- Green (38%)
- Blue (89%)



- Red (0%)
- Yellow (27%)
- Blue (89%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1019, 0.1701, 0.1322 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 14.1019, 0.1701, 0.1322 by changing the saturation by 10% instead.

■ 14.1019, 0.1701,
0.1322

■ 14.1019, 0.1701,
0.1322

■ 217.8638, 0.2477,
0.2299

■ 8.1916, 0.1508,
0.1107

■ 33.2697, 0.1987,
0.1661

■ 4.2178, 0.1269,
0.0858

■ 47.2960, 0.2095,
0.1794

■ 1.7961, 0.0976,
0.0578

■ 64.7964, 0.2185,
0.1909

■ 0.4848, 0.0636,
0.0263

■ 86.1553, 0.2261,
0.2008

■ 0.0000, 0.0083,
0.0000

■ 111.7571, 0.2327,
0.2095

■ 0.0000, 0.0000,
0.0000

141.9862, 0.2384,

0.2171

177.2270, 0.2433,
0.2239

■ 14.1019, 0.1701,
0.1322

■ 14.1019, 0.1701,
0.1322

■ 14.0489, 0.1700,
0.1318

■ 16.8915, 0.1775,
0.1514

■ 20.3064, 0.1874,
0.1724

■ 24.4293, 0.1999,
0.1945

■ 29.3146, 0.2145,
0.2170

■ 35.0098, 0.2305,
0.2392

■ 41.5580, 0.2473,
0.2603

■ 48.9983, 0.2644,
0.2801

■ 57.3674, 0.2813,
0.2982

■ 66.6994, 0.2976,
0.3146

Harmonies

Analogous

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



14.1019, 0.1101, 0.1336



14.1019, 0.1701, 0.1322



14.1019, 0.2853, 0.1611

Triad

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



14.1019, 0.1701, 0.1322



14.1019, 0.5946, 0.3743



14.1019, 0.1609, 0.4790

Complementary

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



14.1019, 0.1701, 0.1322



32.4085, 0.5205, 0.4248

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.



14.1019, 0.2710, 0.6257



14.1019, 0.1701, 0.1322



14.1019, 0.5210, 0.4783

Square

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



14.1019, 0.1701, 0.1322



14.1019, 0.5803, 0.2932



14.1019, 0.3990, 0.5880



14.1019, 0.1007, 0.2804

Rectangle

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



14.1019, 0.1701, 0.1322



14.1019, 0.3928, 0.1969



14.1019, 0.3990, 0.5880



14.1019, 0.1936, 0.5467

Sweetspot

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



14.1022, 0.1701, 0.1322



63.3870, 0.2637, 0.2793



56.5111, 0.2665, 0.4793



12.6609, 0.2565, 0.2711



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.



14.1022, 0.1701, 0.1322



18.0928, 0.1696, 0.1307



5.6617, 0.1517, 0.0610



14.8922, 0.2981, 0.3152



8.4155, 0.1707, 0.1346



0.8029, 0.1786, 0.1631

Inverse Universe

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



17.2016, 0.5296, 0.2692



22.3576, 0.5317, 0.2703



68.9079, 0.4076, 0.5145



14.4695, 0.3226, 0.3190



10.0473, 0.5264, 0.2674



0.7607, 0.4892, 0.2469

Previews

White Background



This preview shows how the Yxy color 14.1019, 0.1701, 0.1322 looks on a white background.

Color Contrast Check

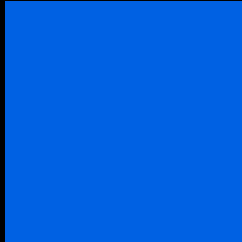
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1019, 0.1701, 0.1322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

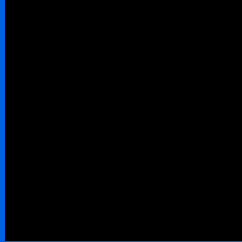
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1019, 0.1701, 0.1322

Background



This preview shows how black text looks on a background with the Yxy color 14.1019, 0.1701, 0.1322.



This preview shows how white text looks on a background with the Yxy color 14.1019, 0.1701, 0.1322.

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

14.0954, 0.1701, 0.1321

Protanopia

14.1624, 0.1741, 0.1469

Deuteranopia

13.9343, 0.1853, 0.1870



Tritanopia

13.9208, 0.2199, 0.3118

Trichromacy



Original Color

14.0954, 0.1701, 0.1321

Protanomaly

14.2288, 0.1727, 0.1417

Deuteranomaly

13.8240, 0.1786, 0.1629

Tritanomaly

13.5105, 0.1948, 0.2211

Monochromacy



Original Color

14.0954, 0.1701, 0.1321

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.4856, 0.2166, 0.2202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1019, 0.1701, 0.1322 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, 97, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 227)  
}
```

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, 97, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 227) }
```

Border

The CSS property to change the border of an element to Yxy 14.1019, 0.1701, 0.1322 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, 97, 227) }
```

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

```
.border{ border-color:rgb(0, 97, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 227)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1019, 0.1701, 0.1322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 227) }
```

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

```
.background{ background-color: rgb(0, 97,  
227) }
```

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