

Converting Colors

$Yxy(14.4149, 0.1706, 0.1266)$

Have a look what the booklet for
Yxy(14.4149, 0.1706, 0.1266)
contains.

Yxy(14.3768, 0.1705, 0.1259)	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(14.3768, 0.1705, 0.1259)

Conversions

Conversions Part 1

Format	Color
Hex	185FEB
RGB	24, 95, 235
RGB Percent	9%, 37%, 92%
CMY	0.9045, 0.6275, 0.0784
CMYK	0.90, 0.60, 0.00, 0.08
HSL	220°, 84%, 51%
HSV	220°, 90%, 92%
XYZ	19.4698, 14.3768, 80.3456
YIQ	89.7310, -87.2560, 28.4880

Conversions

Conversions Part 2

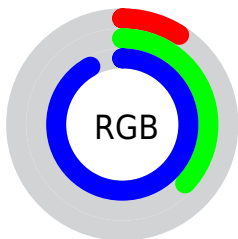
Format	Color
R _Y B	24, 77, 235
Decimal	1597419
CIE Lab	44.77, 32.81, -75.96
CIE LCh	45, 82.740, 293.362
Yxy	14.3768, 0.1705, 0.1259
Android (android.graphics.Color)	4279787499 (0xFF185FEB)
YUV	89.7310, 71.6176, -57.6461
Hunter-Lab	37.9168, 25.3032, -99.0939

Details

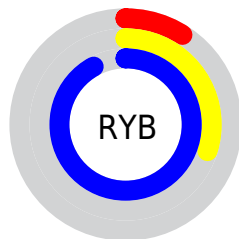
The Yxy color **14.3768, 0.1705, 0.1259** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **44.4117, 0.4819, 0.4481**, and the grayscale version is **10.0343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9815, 0.2124, 0.1881**, and **5.4956, 0.1600, 0.0958** is the 20% darker color. If you saturate the color by 10%, you get **11.6474, 0.1630, 0.1065**, and if you desaturate by 10%, it is **17.9042, 0.1811, 0.1484**.

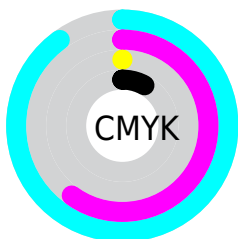
Distribution



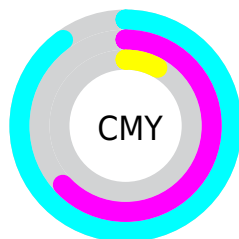
- Red (9%)
- Green (37%)
- Blue (92%)



- Red (9%)
- Yellow (30%)
- Blue (92%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (8%)





- Cyan (90%)
- Magenta (63%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3768, 0.1705, 0.1259 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 14.3768, 0.1705, 0.1259 by changing the saturation by 10% instead.


 14.3768, 0.1705,
0.1259


 14.3768, 0.1705,
0.1259


219.5625, 0.2475,
0.2247


 8.3832, 0.1515,
0.1048


 33.7561, 0.1988,
0.1596


 4.3411, 0.1281,
0.0807


 47.9106, 0.2094,
0.1731


 1.8661, 0.0997,
0.0540

 65.5542, 0.2184,
0.1847

 0.5279, 0.0665,
0.0252

 87.0713, 0.2260,
0.1948

 0.0000, 0.0213,
0.0000

 112.8463, 0.2326,
0.2037

 0.0000, 0.0000,
0.0000

143.2636, 0.2382,

0.2115

178.7075, 0.2432,
0.2185

■ 14.3768, 0.1705,
0.1259

■ 14.3768, 0.1705,
0.1259

■ 11.6474, 0.1630,
0.1065

■ 17.9042, 0.1811,
0.1484

■ 11.5608, 0.1627,
0.1058

■ 22.3286, 0.1946,
0.1731

■ 27.7209, 0.2104,
0.1988

■ 34.1436, 0.2277,
0.2244

■ 41.6530, 0.2457,
0.2491

■ 50.3009, 0.2637,
0.2723

■ 60.1354, 0.2812,
0.2935

■ 71.2019, 0.2977,
0.3126

■ 83.5430, 0.3133,
0.3296

Harmonies

Analogous

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



14.3768, 0.1058, 0.1244



14.3768, 0.1705, 0.1259



14.3768, 0.2953, 0.1577

Triad

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



14.3768, 0.1705, 0.1259



14.3768, 0.6026, 0.3776



14.3768, 0.1446, 0.4708

Complementary

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



14.3768, 0.1705, 0.1259



44.4117, 0.4819, 0.4481

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.



14.3768, 0.2541, 0.6425



14.3768, 0.1705, 0.1259



14.3768, 0.5142, 0.4858

Square

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



14.3768, 0.1705, 0.1259



14.3768, 0.6013, 0.2947



14.3768, 0.3874, 0.6090



14.3768, 0.0894, 0.2628

Rectangle

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



14.3768, 0.1705, 0.1259



14.3768, 0.4113, 0.1958



14.3768, 0.3874, 0.6090



14.3768, 0.1764, 0.5474

Sweetspot

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



14.3771, 0.1705, 0.1259



63.3946, 0.2682, 0.2778



62.1978, 0.2562, 0.4360



12.7447, 0.2621, 0.2702



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.



14.3771, 0.1705, 0.1259



13.7965, 0.1625, 0.1051



7.5048, 0.1637, 0.0724



15.3743, 0.2980, 0.3129



6.6445, 0.1635, 0.1087



0.6933, 0.1712, 0.1363

Inverse Universe

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



19.1555, 0.5359, 0.2800



21.9239, 0.5683, 0.2904



72.2370, 0.3935, 0.5204



15.1374, 0.3240, 0.3211



10.1636, 0.5630, 0.2875



0.8154, 0.5241, 0.2661

Previews

White Background



This preview shows how the Yxy color 14.3768, 0.1705, 0.1259 looks on a white background.

Color Contrast Check

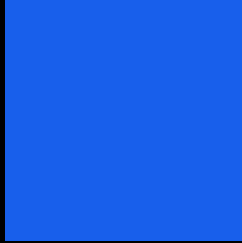
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3768, 0.1705, 0.1259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

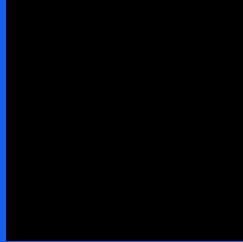
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

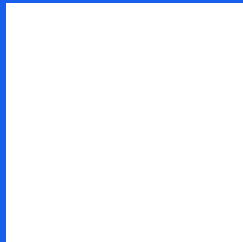
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3768, 0.1705, 0.1259

Background



This preview shows how black text looks on a background with the Yxy color 14.3768, 0.1705, 0.1259.



This preview shows how white text looks on a background with the Yxy color 14.3768, 0.1705, 0.1259.

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

14.3768, 0.1705, 0.1259

Protanopia

14.2137, 0.1739, 0.1461

Deuteranopia

14.1858, 0.1855, 0.1878



Tritanopia

14.1778, 0.2200, 0.3119

Trichromacy



Original Color

14.3768, 0.1705, 0.1259

Protanomaly

14.2557, 0.1725, 0.1385

Deuteranomaly

14.0704, 0.1785, 0.1595

Tritanomaly

13.6757, 0.1947, 0.2168

Monochromacy



Original Color

14.3768, 0.1705, 0.1259

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.7957, 0.2237, 0.2189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3768, 0.1705, 0.1259 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(24, 95, 235)` looks like.

```
.text, #text, p{  
  color:rgb(24, 95, 235)  
}
```

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(24, 95, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 95, 235) }
```

Border

The CSS property to change the border of an element to Yxy 14.3768, 0.1705, 0.1259 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(24, 95, 235) }
```

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

```
.border{ border-color:rgb(24, 95, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 95, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(24, 95, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(24, 95, 235); box-shadow:4px 4px 4px 4px rgb(24, 95, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3768, 0.1705, 0.1259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 95, 235) }
```

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

```
.background{ background-color: rgb(24, 95,  
235) }
```

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