

Converting Colors

$Yxy(14.5042, 0.1834, 0.1376)$

Have a look what the booklet for
Yxy(14.5042, 0.1834, 0.1376)
contains.

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Color

Yxy(14.5042, 0.1834, 0.1376)

Conversions

Conversions Part 1

Format	Color
Hex	3D5FDF
RGB	61, 95, 223
RGB Percent	24%, 37%, 87%
CMY	0.7608, 0.6274, 0.1256
CMYK	0.73, 0.57, 0.00, 0.13
HSL	227°, 72%, 56%
HSV	227°, 73%, 87%
XYZ	19.3319, 14.5042, 71.5723
YIQ	99.4260, -61.3520, 32.6000

Conversions

Conversions Part 2

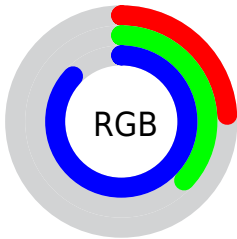
Format	Color
R_{YB}	61, 89, 223
Decimal	4022239
CIE _{Lab}	44.95, 31.34, -68.81
CIE _{LCh}	45, 75.616, 294.487
Yxy	14.5042, 0.1834, 0.1376
Android (android.graphics.Color)	4282212319 (0xFF3D5FDF)
YUV	99.4260, 60.9220, -33.6996
Hunter-Lab	38.0844, 23.9602, -84.7652

Details

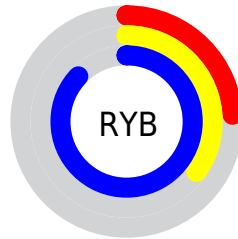
The Yxy color **14.5042, 0.1834, 0.1376** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **52.3943, 0.4347, 0.4605**, and the grayscale version is **12.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.1379, 0.2213, 0.1911**, and **5.0712, 0.1614, 0.1008** is the 20% darker color. If you saturate the color by 10%, you get **11.1152, 0.1699, 0.1123**, and if you desaturate by 10%, it is **18.9053, 0.1999, 0.1660**.

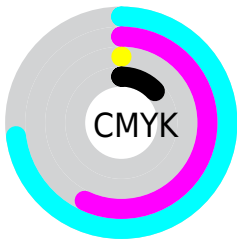
Distribution



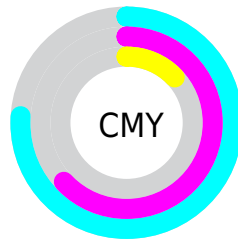
- Red (24%)
- Green (37%)
- Blue (87%)



- Red (24%)
- Yellow (35%)
- Blue (87%)



- Cyan (73%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (63%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5042, 0.1834, 0.1376 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 14.5042, 0.1834, 0.1376 by changing the saturation by 10% instead.

■ 14.5042, 0.1834,
0.1376

■ 14.5042, 0.1834,
0.1376

■ 220.3453, 0.2548,
0.2328

■ 8.4722, 0.1650,
0.1164

■ 33.9810, 0.2101,
0.1708

■ 4.3985, 0.1419,
0.0914

■ 48.1946, 0.2200,
0.1838

■ 1.8989, 0.1129,
0.0630

■ 65.9042, 0.2283,
0.1950

■ 0.5477, 0.0776,
0.0310

■ 87.4941, 0.2353,
0.2046

■ 0.0000, 0.0248,
0.0000

■ 113.3488, 0.2412,
0.2130

■ 0.0000, 0.0000,
0.0000

143.8526, 0.2464,

0.2204

179.3900, 0.2509,
0.2270

■ 14.5042, 0.1834,
0.1376

■ 14.5042, 0.1834,
0.1376

■ 11.1152, 0.1699,
0.1123

■ 18.9053, 0.1999,
0.1660

■ 8.6490, 0.1603,
0.0916

■ 24.3942, 0.2183,
0.1956

■ 7.3457, 0.1555,
0.0797

■ 31.0403, 0.2377,
0.2252

■ 38.9068, 0.2569,
0.2533

■ 48.0518, 0.2755,
0.2794

■ 58.5300, 0.2928,
0.3029

■ 70.3928, 0.3088,
0.3239

■ 83.6885, 0.3232,
0.3423

■ 97.1773, 0.3317,
0.3588

Harmonies

Analogous

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



14.5042, 0.1184, 0.1355



14.5042, 0.1834, 0.1376



14.5042, 0.3034, 0.1697

Triad

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



14.5042, 0.1834, 0.1376



14.5042, 0.5838, 0.3863



14.5042, 0.1553, 0.4497

Complementary

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



14.5042, 0.1834, 0.1376



52.3943, 0.4347, 0.4605

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.



14.5042, 0.2600, 0.6093



14.5042, 0.1834, 0.1376



14.5042, 0.5051, 0.4897

Square

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



14.5042, 0.1834, 0.1376



14.5042, 0.5812, 0.3043



14.5042, 0.3839, 0.5913



14.5042, 0.1015, 0.2656

Rectangle

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



14.5042, 0.1834, 0.1376



14.5042, 0.4104, 0.2072



14.5042, 0.3839, 0.5913



14.5042, 0.1857, 0.5176

Sweetspot

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



14.5046, 0.1834, 0.1376



65.7795, 0.2763, 0.2806



57.3775, 0.2469, 0.3791



13.3118, 0.2714, 0.2737



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.



14.5046, 0.1834, 0.1376



13.2459, 0.1646, 0.1013



11.7814, 0.2027, 0.1135



13.7074, 0.2981, 0.3099



4.4529, 0.1561, 0.0818



0.4380, 0.1639, 0.1099

Inverse Universe

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



19.8464, 0.5108, 0.2968



22.9315, 0.5699, 0.3023



62.4532, 0.3722, 0.5123



13.7474, 0.3259, 0.3241



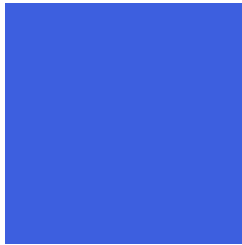
9.3576, 0.6040, 0.3101



0.6617, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 14.5042, 0.1834, 0.1376 looks on a white background.

Color Contrast Check

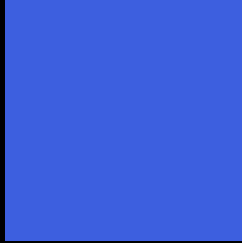
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5042, 0.1834, 0.1376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

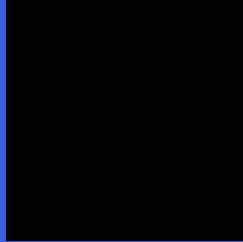
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5042, 0.1834, 0.1376

Background



This preview shows how black text looks on a background with the Yxy color 14.5042, 0.1834, 0.1376.



This preview shows how white text looks on a background with the Yxy color 14.5042, 0.1834, 0.1376.

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

14.5042, 0.1834, 0.1376

Protanopia

14.4606, 0.1741, 0.1469

Deuteranopia

14.2703, 0.1849, 0.1854



Tritanopia

14.2289, 0.2187, 0.3073

Trichromacy



Original Color

14.5042, 0.1834, 0.1376

Protanomaly

14.2087, 0.1747, 0.1412

Deuteranomaly

13.9946, 0.1814, 0.1639

Tritanomaly

13.6811, 0.1985, 0.2220

Monochromacy



Original Color

14.5042, 0.1834, 0.1376

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.6803, 0.2436, 0.2350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5042, 0.1834, 0.1376 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(61, 95, 223)` looks like.

```
.text, #text, p{  
    color:rgb(61, 95, 223)  
}
```

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(61, 95, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 95, 223) }
```

Border

The CSS property to change the border of an element to Yxy 14.5042, 0.1834, 0.1376 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(61, 95, 223) }
```

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

```
.border{ border-color:rgb(61, 95, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 95, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 95, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 95, 223);  
box-shadow:4px 4px 4px 4px rgb(61, 95,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5042, 0.1834, 0.1376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 95, 223) }
```

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

```
.background{ background-color: rgb(61, 95,  
223) }
```

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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