

Converting Colors

$Y_{xy}(14.2561, 0.1966, 0.1464)$

Have a look what the booklet for
Yxy(14.2561, 0.1966, 0.1464)
contains.

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Color

Yxy(14.3315, 0.1967, 0.1469)

Conversions

Conversions Part 1

Format	Color
Hex	515DD4
RGB	81, 93, 212
RGB Percent	32%, 36%, 83%
CMY	0.6824, 0.6353, 0.1686
CMYK	0.62, 0.56, 0.00, 0.17
HSL	234°, 60%, 57%
HSV	234°, 62%, 83%
XYZ	19.1900, 14.3315, 64.0381
YIQ	102.9780, -45.3510, 34.4650

Conversions

Conversions Part 2

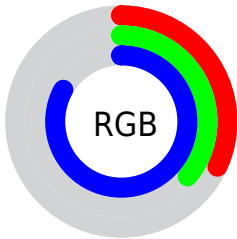
Format	Color
R_{YB}	81, 92, 212
Decimal	5332436
CIE _{Lab}	44.70, 31.67, -62.90
CIE _{LCh}	45, 70.425, 296.721
Yxy	14.3315, 0.1967, 0.1469
Android (android.graphics.Color)	4283522516 (0xFF515DD4)
YUV	102.9780, 53.7478, -19.2747
Hunter-Lab	37.8570, 24.2332, -73.7939

Details

The Yxy color **14.3315, 0.1967, 0.1469** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **55.8914, 0.4068, 0.4613**, and the grayscale version is **13.4222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6157, 0.2289, 0.1913**, and **4.4333, 0.1617, 0.1022** is the 20% darker color. If you saturate the color by 10%, you get **10.5716, 0.1792, 0.1172**, and if you desaturate by 10%, it is **19.2354, 0.2165, 0.1794**.

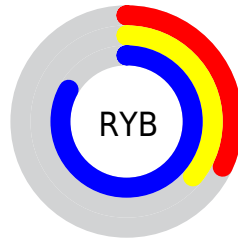
Distribution



Red (32%)

Green (36%)

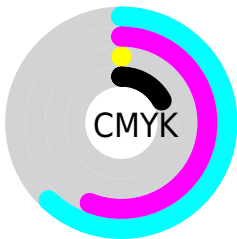
Blue (83%)



Red (32%)

Yellow (36%)

Blue (83%)

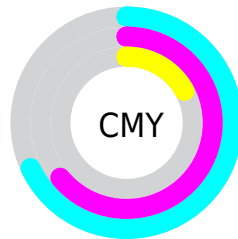


Cyan (62%)

Magenta (56%)

Yellow (0%)

Black (17%)



Cyan (68%)

Magenta (64%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3315, 0.1967, 0.1469 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 14.3315, 0.1967, 0.1469 by changing the saturation by 10% instead.

■ 14.3315, 0.1967,
0.1469

■ 14.3315, 0.1967,
0.1469

219.2835, 0.2621,
0.2391

■ 8.3516, 0.1791,
0.1256

■ 33.6761, 0.2217,
0.1796

■ 4.3207, 0.1565,
0.1001

■ 47.8095, 0.2308,
0.1922

■ 1.8545, 0.1272,
0.0703

■ 65.4296, 0.2383,
0.2030

■ 0.5208, 0.0901,
0.0349

■ 86.9208, 0.2446,
0.2122

■ 0.0000, 0.0286,
0.0000

112.6673, 0.2500,
0.2203

■ 0.0000, 0.0000,
0.0000

143.0537, 0.2546,

0.2273

178.4643, 0.2586,
0.2336

■ 14.3315, 0.1967,
0.1469

■ 14.3315, 0.1967,
0.1469

■ 10.5716, 0.1792,
0.1172

■ 19.2354, 0.2165,
0.1794

■ 7.8612, 0.1653,
0.0925

■ 25.3650, 0.2371,
0.2125

■ 6.0921, 0.1560,
0.0746

■ 32.7962, 0.2574,
0.2445

■ 5.2338, 0.1515,
0.0654

■ 41.5979, 0.2766,
0.2743

■ 51.8347, 0.2942,
0.3012

■ 63.5665, 0.3101,
0.3250

■ 76.8503, 0.3241,
0.3459

■ 91.7397, 0.3364,
0.3640

■ 97.5332, 0.3382,
0.3711

Harmonies

Analogous

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



14.3315, 0.1297, 0.1430



14.3315, 0.1967, 0.1469



14.3315, 0.3153, 0.1804

Triad

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



14.3315, 0.1967, 0.1469



14.3315, 0.5684, 0.3956



14.3315, 0.1589, 0.4274

Complementary

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



14.3315, 0.1967, 0.1469



55.8914, 0.4068, 0.4613

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.



14.3315, 0.2579, 0.5829



14.3315, 0.1967, 0.1469



14.3315, 0.4906, 0.4931

Square

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



14.3315, 0.1967, 0.1469



14.3315, 0.5698, 0.3141



14.3315, 0.3764, 0.5832



14.3315, 0.1090, 0.2616

Rectangle

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



14.3315, 0.1967, 0.1469



14.3315, 0.4165, 0.2181



14.3315, 0.3764, 0.5832



14.3315, 0.1873, 0.4902

Sweetspot

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



14.3319, 0.1967, 0.1469



67.0052, 0.2813, 0.2816



52.9519, 0.2443, 0.3474



13.4327, 0.2761, 0.2735



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.



14.3319, 0.1967, 0.1469



14.6675, 0.1746, 0.1092



15.6560, 0.2356, 0.1502



12.1899, 0.2981, 0.3071



3.2953, 0.1518, 0.0666



0.2633, 0.1570, 0.0851

Inverse Universe

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



20.6707, 0.4904, 0.3161



25.8254, 0.5493, 0.3167



55.1100, 0.3557, 0.4970



12.4391, 0.3277, 0.3269



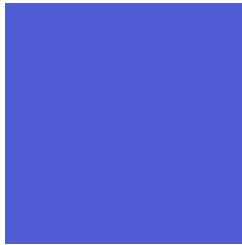
8.6775, 0.6290, 0.3239



0.5299, 0.5988, 0.3073

Previews

White Background



This preview shows how the Yxy color 14.3315, 0.1967, 0.1469 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 14.3315, 0.1967, 0.1469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

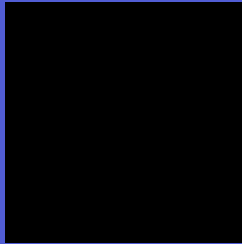
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3315, 0.1967, 0.1469

Background



This preview shows how black text looks on a background with the Yxy color 14.3315, 0.1967, 0.1469.



This preview shows how white text looks on a background with the Yxy color 14.3315, 0.1967, 0.1469.

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

14.3315, 0.1967, 0.1469

Protanopia

14.2652, 0.1737, 0.1454

Deuteranopia

14.3130, 0.1845, 0.1843



Tritanopia

14.3465, 0.2289, 0.3077

Trichromacy



Original Color

14.3315, 0.1967, 0.1469

Protanomaly

13.9029, 0.1765, 0.1432

Deuteranomaly

13.9472, 0.1838, 0.1673

Tritanomaly

13.8895, 0.2121, 0.2290

Monochromacy



Original Color

14.3315, 0.1967, 0.1469

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3397, 0.2557, 0.2412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3315, 0.1967, 0.1469 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(81, 93, 212)` looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 212)  
}
```

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(81, 93, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 212) }
```

Border

The CSS property to change the border of an element to Yxy 14.3315, 0.1967, 0.1469 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(81, 93, 212) }
```

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

```
.border{ border-color:rgb(81, 93, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 212);  
box-shadow:4px 4px 4px 4px rgb(81, 93,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3315, 0.1967, 0.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 212) }
```

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

```
.background{ background-color: rgb(81, 93,  
212) }
```

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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