

Converting Colors

$Yxy(14.0057, 0.1860, 0.1367)$

Have a look what the booklet for
Yxy(14.0057, 0.1860, 0.1367)
contains.

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Color

Yxy(14.0149, 0.1860, 0.1367)

Conversions

Conversions Part 1

Format	Color
Hex	435CDC
RGB	67, 92, 220
RGB Percent	26%, 36%, 86%
CMY	0.7369, 0.6393, 0.1371
CMYK	0.70, 0.58, 0.00, 0.14
HSL	230°, 69%, 56%
HSV	230°, 70%, 86%
XYZ	19.0693, 14.0149, 69.4389
YIQ	99.1170, -55.9880, 34.5080

Conversions

Conversions Part 2

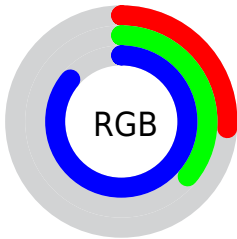
Format	Color
R_{YB}	67, 88, 220
Decimal	4414684
CIE _{Lab}	44.25, 32.99, -68.26
CIE _{LCh}	44, 75.819, 295.794
Yxy	14.0149, 0.1860, 0.1367
Android (android.graphics.Color)	4282604764 (0xFF435CDC)
YUV	99.1170, 59.5953, -28.1666
Hunter-Lab	37.4365, 25.4100, -83.7682

Details

The Yxy color **14.0149, 0.1860, 0.1367** 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 **54.7380, 0.4242, 0.4635**, and the grayscale version is **12.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4715, 0.2224, 0.1880**, and **4.7134, 0.1606, 0.0981** is the 20% darker color. If you saturate the color by 10%, you get **10.5662, 0.1713, 0.1102**, and if you desaturate by 10%, it is **18.5360, 0.2037, 0.1665**.

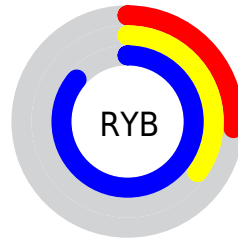
Distribution



Red (26%)

Green (36%)

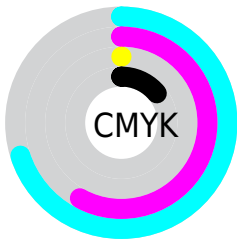
Blue (86%)



Red (26%)

Yellow (35%)

Blue (86%)

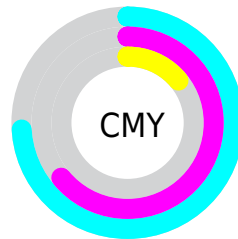


Cyan (70%)

Magenta (58%)

Yellow (0%)

Black (14%)



Cyan (74%)


Magenta (64%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0149, 0.1860, 0.1367 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 14.0149, 0.1860, 0.1367 by changing the saturation by 10% instead.


 14.0149, 0.1860,
0.1367


 14.0149, 0.1860,
0.1367

217.3235, 0.2566,
0.2326


 8.1310, 0.1676,
0.1153


 33.1155, 0.2126,
0.1702


 4.1789, 0.1443,
0.0901


 47.1009, 0.2224,
0.1833

 1.7741, 0.1149,
0.0615

 64.5558, 0.2306,
0.1945

 0.4710, 0.0790,
0.0281

 85.8643, 0.2374,
0.2042

 0.0000, 0.0227,
0.0000

 111.4109, 0.2433,
0.2127

 0.0000, 0.0000,
0.0000

141.5801, 0.2484,

0.2202

176.7561, 0.2527,
0.2267

■ 14.0149, 0.1860,
0.1367

■ 14.0149, 0.1860,
0.1367

■ 10.5662, 0.1713,
0.1102

■ 18.5360, 0.2037,
0.1665

■ 8.0961, 0.1605,
0.0887

■ 24.2098, 0.2230,
0.1976

■ 6.4804, 0.1538,
0.0734

■ 31.1102, 0.2429,
0.2284

■ 6.4177, 0.1536,
0.0727

■ 39.3044, 0.2625,
0.2576

■ 48.8544, 0.2809,
0.2845

■ 59.8186, 0.2980,
0.3086

■ 72.2516, 0.3134,
0.3300

■ 86.2053, 0.3273,
0.3487

■ 97.9495, 0.3333,
0.3631

Harmonies

Analogous

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



14.0149, 0.1186, 0.1332



14.0149, 0.1860, 0.1367



14.0149, 0.3097, 0.1703

Triad

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



14.0149, 0.1860, 0.1367



14.0149, 0.5841, 0.3895



14.0149, 0.1497, 0.4421

Complementary

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



14.0149, 0.1860, 0.1367



54.7380, 0.4242, 0.4635

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.



14.0149, 0.2533, 0.6104



14.0149, 0.1860, 0.1367



14.0149, 0.5023, 0.4960

Square

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



14.0149, 0.1860, 0.1367



14.0149, 0.5871, 0.3067



14.0149, 0.3781, 0.5979



14.0149, 0.0983, 0.2583

Rectangle

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



14.0149, 0.1860, 0.1367



14.0149, 0.4189, 0.2087



14.0149, 0.3781, 0.5979



14.0149, 0.1794, 0.5121

Sweetspot

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



14.0153, 0.1860, 0.1367



65.8704, 0.2779, 0.2802



56.3251, 0.2445, 0.3650



13.2819, 0.2729, 0.2728



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.



14.0153, 0.1860, 0.1367



13.1560, 0.1663, 0.1005



13.0534, 0.2144, 0.1249



12.9574, 0.2981, 0.3088



3.8723, 0.1541, 0.0746



0.3585, 0.1614, 0.1011

Inverse Universe

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



20.0209, 0.5094, 0.3047



23.5599, 0.5687, 0.3081



60.0567, 0.3653, 0.5102



13.0859, 0.3266, 0.3252



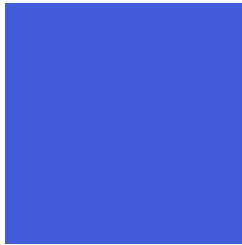
9.0147, 0.6158, 0.3166



0.5949, 0.5741, 0.2937

Previews

White Background



This preview shows how the Yxy color 14.0149, 0.1860, 0.1367 looks on a white background.

Color Contrast Check

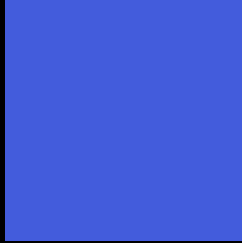
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0149, 0.1860, 0.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

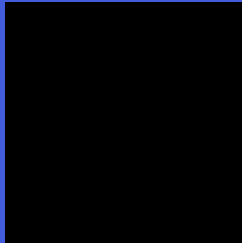
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.0149, 0.1860, 0.1367

Background



This preview shows how black text looks on a background with the Yxy color 14.0149, 0.1860, 0.1367.



This preview shows how white text looks on a background with the Yxy color 14.0149, 0.1860, 0.1367.

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

14.0149, 0.1860, 0.1367

Protanopia

13.9184, 0.1739, 0.1461

Deuteranopia

13.9343, 0.1853, 0.1870



Tritanopia

13.7167, 0.2186, 0.3070

Trichromacy



Original Color

14.0149, 0.1860, 0.1367

Protanomaly

13.7014, 0.1749, 0.1406

Deuteranomaly

13.6825, 0.1822, 0.1652

Tritanomaly

13.2128, 0.1988, 0.2208

Monochromacy



Original Color

14.0149, 0.1860, 0.1367

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.3751, 0.2460, 0.2329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0149, 0.1860, 0.1367 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(67, 92, 220)` looks like.

```
.text, #text, p{  
    color:rgb(67, 92, 220)  
}
```

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(67, 92, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 92, 220) }
```

Border

The CSS property to change the border of an element to Yxy 14.0149, 0.1860, 0.1367 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(67, 92, 220) }
```

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

```
.border{ border-color:rgb(67, 92, 220) }
```

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

Here you see how a box with a 4 pixel rgb(67, 92, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 92, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 92, 220);  
box-shadow:4px 4px 4px 4px rgb(67, 92,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0149, 0.1860, 0.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 92, 220) }
```

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

```
.background{ background-color: rgb(67, 92,  
220) }
```

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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