

Converting Colors

$Y_{xy}(14.1678, 0.1756, 0.1149)$

Have a look what the booklet for
Yxy(14.1678, 0.1756, 0.1149)
contains.

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Color

Yxy(14.2114, 0.1759, 0.1155)

Conversions

Conversions Part 1

Format	Color
Hex	3E56F4
RGB	62, 86, 244
RGB Percent	24%, 34%, 96%
CMY	0.7568, 0.6627, 0.0431
CMYK	0.75, 0.65, 0.00, 0.04
HSL	232°, 89%, 60%
HSV	232°, 75%, 96%
XYZ	21.6432, 14.2114, 87.1879
YIQ	96.8360, -65.0220, 44.0500

Conversions

Conversions Part 2

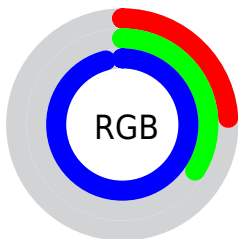
Format	Color
RYB	62, 83, 244
Decimal	4085492
CIELab	44.53, 44.40, -81.35
CIELCh	45, 92.680, 298.626
Yxy	14.2114, 0.1759, 0.1155
Android (android.graphics.Color)	4282275572 (0xFF3E56F4)
YUV	96.8360, 72.5519, -30.5512
Hunter-Lab	37.6980, 36.5088, -110.7372

Details

The Yxy color **14.2114, 0.1759, 0.1155** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **70.7724, 0.4268, 0.4737**, and the grayscale version is **11.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.8967, 0.2223, 0.1812**, and **5.1310, 0.1564, 0.0831** is the 20% darker color. If you saturate the color by 10%, you get **10.6958, 0.1633, 0.0919**, and if you desaturate by 10%, it is **19.0834, 0.1923, 0.1440**.

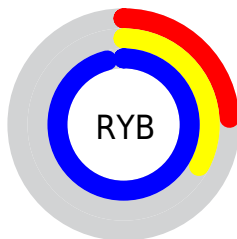
Distribution



Red (24%)

Green (34%)

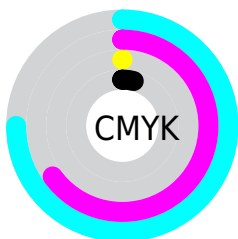
Blue (96%)



Red (24%)

Yellow (33%)

Blue (96%)

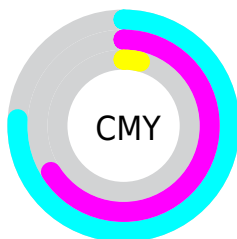


Cyan (75%)

Magenta (65%)

Yellow (0%)

Black (4%)



Cyan (76%)


Magenta (66%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2114, 0.1759, 0.1155 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 14.2114, 0.1759, 0.1155 by changing the saturation by 10% instead.


 14.2114, 0.1759,
0.1155


 14.2114, 0.1759,
0.1155


218.5420, 0.2506,
0.2162


 8.2678, 0.1575,
0.0950


 33.4637, 0.2034,
0.1491


 4.2668, 0.1348,
0.0719


 47.5411, 0.2137,
0.1627


 1.8239, 0.1071,
0.0471

 65.0987, 0.2224,
0.1746

 0.5020, 0.0745,
0.0210

 86.5208, 0.2297,
0.1850

 0.0000, 0.0365,
0.0000

 112.1918, 0.2361,
0.1942

 0.0000, 0.0000,
0.0000

142.4961, 0.2416,

0.2024

177.8180, 0.2464,
0.2096

■ 14.2114, 0.1759,
0.1155

■ 14.2114, 0.1759,
0.1155

■ 10.6958, 0.1633,
0.0919

■ 19.0834, 0.1923,
0.1440

■ 8.3928, 0.1551,
0.0749

■ 25.4333, 0.2113,
0.1755

■ 7.5732, 0.1524,
0.0685

■ 33.3698, 0.2315,
0.2077

■ 42.9910, 0.2518,
0.2392

■ 54.3869, 0.2713,
0.2686

■ 67.6411, 0.2893,
0.2953

■ 82.8320, 0.3058,
0.3191

■ 99.3115, 0.3191,
0.3396

Harmonies

Analogous

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



14.2114, 0.1001, 0.1081



14.2114, 0.1759, 0.1155



14.2114, 0.3233, 0.1536

Triad

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



14.2114, 0.1759, 0.1155



14.2114, 0.6126, 0.3874



14.2114, 0.1120, 0.4394

Complementary

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



14.2114, 0.1759, 0.1155



70.7724, 0.4268, 0.4737

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.



14.2114, 0.2156, 0.6708



14.2114, 0.1759, 0.1155



14.2114, 0.4937, 0.5063

Square

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



14.2114, 0.1759, 0.1155



14.2114, 0.6401, 0.2983



14.2114, 0.3520, 0.6480



14.2114, 0.0694, 0.2240

Rectangle

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



14.2114, 0.1759, 0.1155



14.2114, 0.4571, 0.1962



14.2114, 0.3520, 0.6480



14.2114, 0.1404, 0.5335

Sweetspot

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



14.2117, 0.1759, 0.1155



63.6330, 0.2760, 0.2756



70.8776, 0.2399, 0.3601



12.8142, 0.2709, 0.2680



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.



14.2117, 0.1759, 0.1155



10.2373, 0.1581, 0.0815



14.6250, 0.2103, 0.1137



16.2787, 0.2979, 0.3078



4.2271, 0.1528, 0.0701



0.4800, 0.1577, 0.0876

Inverse Universe

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



23.3512, 0.5412, 0.3104



22.2599, 0.6014, 0.3165



74.4266, 0.3619, 0.5239



16.5181, 0.3273, 0.3259



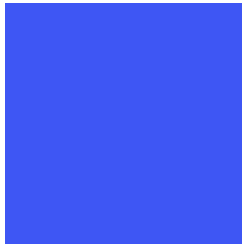
10.5261, 0.6231, 0.3206



0.9361, 0.5950, 0.3051

Previews

White Background



This preview shows how the Yxy color 14.2114, 0.1759, 0.1155 looks on a white background.

Color Contrast Check

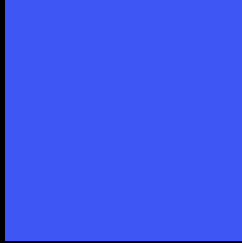
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2114, 0.1759, 0.1155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

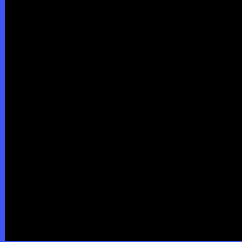
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2114, 0.1759, 0.1155

Background



This preview shows how black text looks on a background with the Yxy color 14.2114, 0.1759, 0.1155.



This preview shows how white text looks on a background with the Yxy color 14.2114, 0.1759, 0.1155.

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

14.2114, 0.1759, 0.1155

Protanopia

14.1115, 0.1744, 0.1477

Deuteranopia

13.8928, 0.1856, 0.1882



Tritanopia

13.9208, 0.2199, 0.3118

Trichromacy



Original Color

14.2114, 0.1759, 0.1155

Protanomaly

13.9297, 0.1727, 0.1337

Deuteranomaly

13.5136, 0.1782, 0.1520

Tritanomaly

13.0753, 0.1938, 0.2047

Monochromacy



Original Color

14.2114, 0.1759, 0.1155

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.9155, 0.2358, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2114, 0.1759, 0.1155 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(62, 86, 244)` looks like.

```
.text, #text, p{  
    color:rgb(62, 86, 244)  
}
```

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(62, 86, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 86, 244) }
```

Border

The CSS property to change the border of an element to Yxy 14.2114, 0.1759, 0.1155 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(62, 86, 244) }
```

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

```
.border{ border-color:rgb(62, 86, 244) }
```

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

Here you see how a box with a 4 pixel rgb(62, 86, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 86, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 86, 244);  
box-shadow:4px 4px 4px 4px rgb(62, 86,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2114, 0.1759, 0.1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 86, 244) }
```

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

```
.background{ background-color: rgb(62, 86,  
244) }
```

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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