

Converting Colors

$Y_{xy}(41.4356, 0.2351, 0.2236)$

Have a look what the booklet for
Yxy(41.4356, 0.2351, 0.2236)
contains.

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Color

Yxy(41.4356, 0.2351, 0.2236)

Conversions

Conversions Part 1

Format	Color
Hex	8FA9FF
RGB	143, 169, 255
RGB Percent	56%, 66%, 100%
CMY	0.4392, 0.3373, 0.0000
CMYK	0.44, 0.34, 0.00, 0.00
HSL	226°, 100%, 78%
HSV	226°, 44%, 100%
XYZ	43.5667, 41.4356, 100.3090
YIQ	171.0300, -43.1020, 21.2340

Conversions

Conversions Part 2

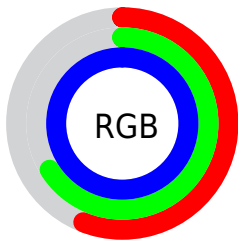
Format	Color
RYB	143, 164, 255
Decimal	9415167
CIELab	70.48, 12.76, -45.50
CIElCh	70, 47.257, 285.661
Yxy	41.4356, 0.2351, 0.2236
Android (android.graphics.Color)	4287605247 (0xFF8FA9FF)
YUV	171.0300, 41.3972, -24.5823
Hunter-Lab	64.3705, 8.1625, -47.3327

Details

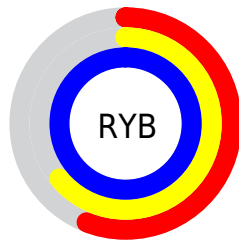
The Yxy color **41.4356, 0.2351, 0.2236** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **79.2891, 0.3888, 0.4154**, and the grayscale version is **40.5470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9488, 0.2787, 0.2956**, and **18.7782, 0.2143, 0.1974** is the 20% darker color. If you saturate the color by 10%, you get **32.6651, 0.2160, 0.1945**, and if you desaturate by 10%, it is **51.8175, 0.2543, 0.2514**.

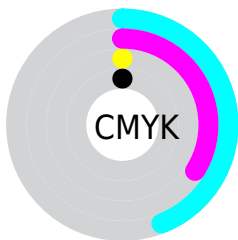
Distribution



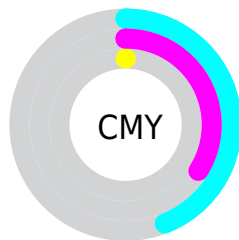
- Red (56%)
- Green (66%)
- Blue (100%)



- Red (56%)
- Yellow (64%)
- Blue (100%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4356, 0.2351, 0.2236 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 41.4356, 0.2351, 0.2236 by changing the saturation by 10% instead.


 41.4356, 0.2351,
0.2236

 41.4356, 0.2351,
0.2236


352.1379, 0.2735,
0.2737

 28.6596, 0.2259,
0.2121


 77.3447, 0.2488,
0.2411

 18.8235, 0.2144,
0.1980


 101.2466, 0.2540,
0.2479

 11.5428, 0.1997,
0.1803


129.6260, 0.2585,
0.2537

 6.4332, 0.1804,
0.1577

162.8671, 0.2623,
0.2588

 3.1102, 0.1545,
0.1286

201.3545, 0.2657,
0.2632

 1.1895, 0.1190,
0.0911

245.4725, 0.2686,

 0.0531, 0.0612,

0.2671

0.0090

295.6055, 0.2712,
0.2706

■ 0.0000, 0.0000,
0.0000

■ 41.4356, 0.2351,
0.2236

■ 41.4356, 0.2351,
0.2236

■ 32.6651, 0.2160,
0.1945

■ 51.8175, 0.2543,
0.2514

■ 25.4176, 0.1979,
0.1653

■ 63.8838, 0.2730,
0.2773

■ 19.6028, 0.1819,
0.1375

■ 77.7082, 0.2905,
0.3007

■ 15.1177, 0.1691,
0.1127

■ 93.3589, 0.3068,
0.3215

■ 11.8437, 0.1601,
0.0924

100.0000, 0.3127,
0.3290

■ 10.3660, 0.1563,
0.0826

Harmonies

Analogous

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



41.4356, 0.2011, 0.2328



41.4356, 0.2351, 0.2236



41.4356, 0.2924, 0.2371

Triad

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



41.4356, 0.2351, 0.2236



41.4356, 0.4492, 0.3663



41.4356, 0.2573, 0.4010

Complementary

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



41.4356, 0.2351, 0.2236



79.2891, 0.3888, 0.4154

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.



41.4356, 0.3207, 0.4488



41.4356, 0.2351, 0.2236



41.4356, 0.4336, 0.4158

Square

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



41.4356, 0.2351, 0.2236



41.4356, 0.4229, 0.3149



41.4356, 0.3854, 0.4502



41.4356, 0.2118, 0.3294

Rectangle

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



41.4356, 0.2351, 0.2236



41.4356, 0.3389, 0.2569



41.4356, 0.3854, 0.4502



41.4356, 0.2771, 0.4214

Sweetspot

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



41.4371, 0.2351, 0.2236



79.0654, 0.2921, 0.3027



83.0107, 0.2649, 0.3593



16.2291, 0.2884, 0.2978



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.



41.4371, 0.2351, 0.2236



33.4041, 0.2177, 0.1972



35.7391, 0.2505, 0.1986



18.0617, 0.2979, 0.3102



5.6025, 0.1570, 0.0850



0.7032, 0.1626, 0.1052

Inverse Universe

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



43.7735, 0.4018, 0.3021



36.8982, 0.4314, 0.2973



89.5331, 0.3576, 0.4458



18.0561, 0.3258, 0.3235



11.2935, 0.5990, 0.3074



1.1155, 0.5680, 0.2903

Previews

White Background



This preview shows how the Yxy color 41.4356, 0.2351, 0.2236 looks on a white background.

Color Contrast Check

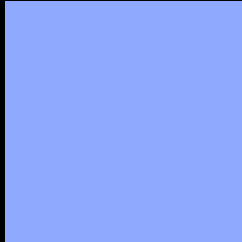
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.4356, 0.2351, 0.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

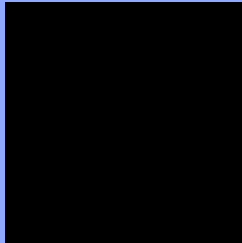
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

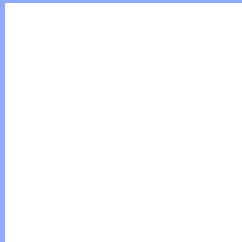
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4356, 0.2351, 0.2236

Background



This preview shows how black text looks on a background with the Yxy color 41.4356, 0.2351, 0.2236.



This preview shows how white text looks on a background with the Yxy color 41.4356, 0.2351, 0.2236.

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

41.4356, 0.2351, 0.2236

Protanopia

41.4356, 0.2351, 0.2236

Deuteranopia

41.5801, 0.2315, 0.2251



Tritanopia

41.4999, 0.2613, 0.3087

Trichromacy



Original Color

41.4356, 0.2351, 0.2236

Protanomaly

41.4356, 0.2351, 0.2236

Deuteranomaly

41.4584, 0.2330, 0.2243

Tritanomaly

41.4406, 0.2511, 0.2744

Monochromacy



Original Color

41.4356, 0.2351, 0.2236

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5908, 0.2799, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4356, 0.2351, 0.2236 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(143, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 255)  
}
```

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(143, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.4356, 0.2351, 0.2236 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(143, 169, 255) }
```

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

```
.border{ border-color:rgb(143, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4356, 0.2351, 0.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 255) }
```

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

```
.background{ background-color: rgb(143,  
169, 255) }
```

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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