

Converting Colors

$Yxy(35.4836, 0.2476, 0.2253)$

Have a look what the booklet for
Yxy(35.4836, 0.2476, 0.2253)
contains.

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Color

Yxy(35.5934, 0.2475, 0.2251)

Conversions

Conversions Part 1

Format	Color
Hex	969AEB
RGB	150, 154, 235
RGB Percent	59%, 60%, 92%
CMY	0.4115, 0.3961, 0.0785
CMYK	0.36, 0.34, 0.00, 0.08
HSL	237°, 68%, 76%
HSV	237°, 36%, 92%
XYZ	39.1353, 35.5934, 83.3939
YIQ	162.0380, -28.3850, 24.3430

Conversions

Conversions Part 2

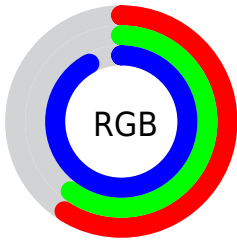
Format	Color
R _Y B	150, 154, 235
Decimal	9870059
CIE Lab	66.21, 17.63, -41.25
CIE LCh	66, 44.859, 293.142
Yxy	35.5934, 0.2475, 0.2251
Android (android.graphics.Color)	4288060139 (0xFF969AEB)
YUV	162.0380, 35.9703, -10.5573
Hunter-Lab	59.6602, 12.6854, -41.1142

Details

The Yxy color **35.5934, 0.2475, 0.2251** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.0512, 0.3684, 0.4152**, and the grayscale version is **35.9933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4536, 0.2808, 0.2782**, and **15.3881, 0.2276, 0.1978** is the 20% darker color. If you saturate the color by 10%, you get **26.8636, 0.2263, 0.1908**, and if you desaturate by 10%, it is **46.1541, 0.2678, 0.2577**.

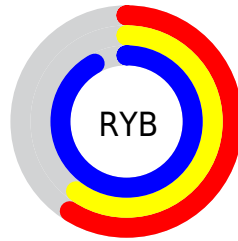
Distribution



Red (59%)

Green (60%)

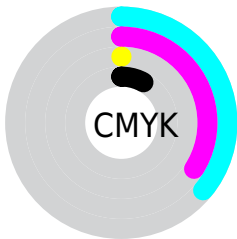
Blue (92%)



Red (59%)

Yellow (60%)

Blue (92%)

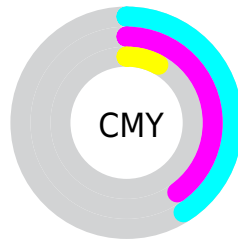


Cyan (36%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (41%)


Magenta (40%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5934, 0.2475, 0.2251 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 35.5934, 0.2475, 0.2251 by changing the saturation by 10% instead.


 35.5934, 0.2475,
0.2251


 35.5934, 0.2475,
0.2251


327.1799, 0.2811,
0.2756

 24.1203, 0.2391,
0.2132


 68.4040, 0.2598,
0.2430

 15.4229, 0.2282,
0.1984


 90.5104, 0.2644,
0.2498

 9.1167, 0.2140,
0.1796

116.9299, 0.2683,
0.2557

 4.8174, 0.1947,
0.1552

148.0471, 0.2716,
0.2608

 2.1405, 0.1675,
0.1231

184.2463, 0.2744,
0.2652

 0.6873, 0.1281,
0.0795

225.9119, 0.2769,

 0.0000, 0.0094,

0.2691

0.0000

273.4283, 0.2791,
0.2725

■ 0.0000, 0.0000,
0.0000

■ 35.5934, 0.2475,
0.2251

■ 35.5934, 0.2475,
0.2251

■ 26.8636, 0.2263,
0.1908

■ 46.1541, 0.2678,
0.2577

■ 19.8567, 0.2054,
0.1564

■ 58.6374, 0.2865,
0.2876

■ 14.4599, 0.1861,
0.1243

■ 73.1336, 0.3034,
0.3143

■ 10.5449, 0.1701,
0.0970

■ 89.7261, 0.3182,
0.3376

■ 7.9641, 0.1585,
0.0768

■ 98.7774, 0.3244,
0.3483

■ 6.5391, 0.1521,
0.0648

■ 6.2334, 0.1506,
0.0621

Harmonies

Analogous

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



35.5934, 0.2073, 0.2283



35.5934, 0.2475, 0.2251



35.5934, 0.3094, 0.2437

Triad

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



35.5934, 0.2475, 0.2251



35.5934, 0.4489, 0.3792



35.5934, 0.2438, 0.3838

Complementary

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



35.5934, 0.2475, 0.2251



77.0512, 0.3684, 0.4152

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.



35.5934, 0.3041, 0.4407



35.5934, 0.2475, 0.2251



35.5934, 0.4239, 0.4264

Square

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



35.5934, 0.2475, 0.2251



35.5934, 0.4331, 0.3275



35.5934, 0.3701, 0.4538



35.5934, 0.2047, 0.3122

Rectangle

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



35.5934, 0.2475, 0.2251



35.5934, 0.3566, 0.2662



35.5934, 0.3701, 0.4538



35.5934, 0.2622, 0.4064

Sweetspot

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



35.5947, 0.2475, 0.2251



79.1649, 0.2953, 0.3016



71.6539, 0.2641, 0.3339



16.4402, 0.2930, 0.2979



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.



35.5947, 0.2475, 0.2251



35.2171, 0.2326, 0.2010



38.5576, 0.2767, 0.2284



14.6605, 0.2980, 0.3058



3.5198, 0.1508, 0.0629



0.3158, 0.1530, 0.0708

Inverse Universe

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



41.8259, 0.3961, 0.3248



43.8333, 0.4210, 0.3240



73.4525, 0.3390, 0.4280



15.0653, 0.3286, 0.3280



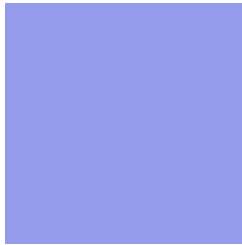
9.8481, 0.6351, 0.3272



0.7773, 0.6219, 0.3199

Previews

White Background



This preview shows how the Yxy color 35.5934, 0.2475, 0.2251 looks on a white background.

Color Contrast Check

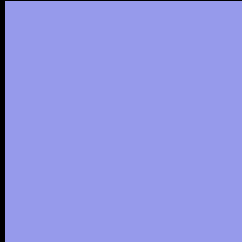
Large Text (above 18pt) WCAG AA × Fail

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 35.5934, 0.2475, 0.2251 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 35.5934, 0.2475, 0.2251

Background



This preview shows how black text looks on a background with the Yxy color 35.5934, 0.2475, 0.2251.



This preview shows how white text looks on a background with the Yxy color 35.5934, 0.2475, 0.2251.

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

35.5934, 0.2475, 0.2251

Protanopia

35.6951, 0.2358, 0.2245

Deuteranopia

35.5621, 0.2363, 0.2295



Tritanopia

35.4833, 0.2770, 0.3080

Trichromacy



Original Color

35.5934, 0.2475, 0.2251

Protanomaly

35.8038, 0.2400, 0.2252

Deuteranomaly

35.4577, 0.2404, 0.2279

Tritanomaly

35.3640, 0.2660, 0.2749

Monochromacy



Original Color

35.5934, 0.2475, 0.2251

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7395, 0.2864, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5934, 0.2475, 0.2251 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(150, 154, 235)` looks like.

```
.text, #text, p{  
    color:rgb(150, 154, 235)  
}
```

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(150, 154, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 154, 235) }
```

Border

The CSS property to change the border of an element to Yxy 35.5934, 0.2475, 0.2251 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(150, 154, 235) }
```

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

```
.border{ border-color:rgb(150, 154, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 154, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 154, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 154, 235);  
box-shadow:4px 4px 4px 4px rgb(150, 154,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5934, 0.2475, 0.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 154, 235) }
```

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

```
.background{ background-color: rgb(150,  
154, 235) }
```

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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