

Converting Colors

$Y_{xy}(39.0540, 0.2089, 0.1604)$

Have a look what the booklet for
Yxy(39.0540, 0.2089, 0.1604)
contains.

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Color

Yxy(35.0524, 0.2323, 0.2004)

Conversions

Conversions Part 1

Format	Color
Hex	9196FF
RGB	145, 150, 255
RGB Percent	57%, 59%, 100%
CMY	0.4314, 0.4117, 0.0000
CMYK	0.43, 0.41, 0.00, 0.00
HSL	237°, 100%, 78%
HSV	237°, 43%, 100%
XYZ	40.6321, 35.0524, 99.2277
YIQ	160.4750, -36.6850, 31.5950

Conversions

Conversions Part 2

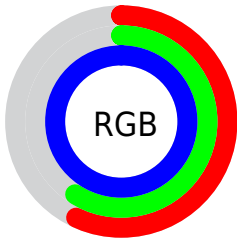
Format	Color
RYB	145, 150, 255
Decimal	9541375
CIELab	65.79, 24.12, -52.89
CIELCh	66, 58.127, 294.513
Yxy	35.0524, 0.2323, 0.2004
Android (android.graphics.Color)	4287731455 (0xFF9196FF)
YUV	160.4750, 46.6008, -13.5716
Hunter-Lab	59.2051, 18.8947, -57.9265

Details

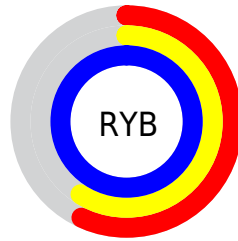
The Yxy color **35.0524, 0.2323, 0.2004** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.6692, 0.3791, 0.4315**, and the grayscale version is **35.1786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1022, 0.2785, 0.2734**, and **15.0756, 0.2096, 0.1692** is the 20% darker color. If you saturate the color by 10%, you get **26.0134, 0.2111, 0.1657**, and if you desaturate by 10%, it is **46.2268, 0.2534, 0.2346**.

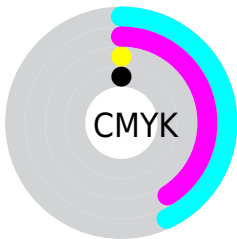
Distribution



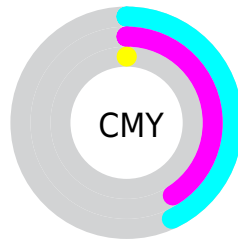
- Red (57%)
- Green (59%)
- Blue (100%)



- Red (57%)
- Yellow (59%)
- Blue (100%)



- Cyan (43%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0524, 0.2323, 0.2004 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 35.0524, 0.2323, 0.2004 by changing the saturation by 10% instead.


 35.0524, 0.2323,
0.2004


 35.0524, 0.2323,
0.2004


324.7996, 0.2733,
0.2612

 23.7032, 0.2223,
0.1867


 67.5669, 0.2471,
0.2215

 15.1136, 0.2096,
0.1700


 89.5011, 0.2527,
0.2297

 8.8992, 0.1933,
0.1495


115.7324, 0.2575,
0.2368

 4.6755, 0.1719,
0.1240

146.6452, 0.2616,
0.2429

 2.0581, 0.1430,
0.0925

182.6239, 0.2651,
0.2483

 0.6409, 0.1045,
0.0536


224.0530, 0.2682,


 0.0000, 0.0266,


0.2531


0.0000


271.3167, 0.2709,
0.2574


 0.0000, 0.0000,
0.0000

 35.0524, 0.2323,
0.2004

 35.0524, 0.2323,
0.2004

 26.0134, 0.2111,
0.1657


 46.2268, 0.2534,
0.2346


 18.9702, 0.1911,
0.1325


 59.6567, 0.2734,
0.2667

 13.7726, 0.1739,
0.1036

 75.4578, 0.2917,
0.2958

 10.2475, 0.1611,
0.0813

 93.7369, 0.3080,
0.3216

 8.1888, 0.1533,
0.0671

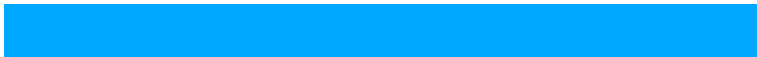
99.9997, 0.3127,
0.3290

■ 7.4731, 0.1505,
0.0619

Harmonies

Analogous

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



35.0524, 0.1827, 0.2016



35.0524, 0.2323, 0.2004



35.0524, 0.3110, 0.2242

Triad

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



35.0524, 0.2323, 0.2004



35.0524, 0.4866, 0.3892



35.0524, 0.2203, 0.3968

Complementary

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



35.0524, 0.2323, 0.2004



91.6692, 0.3791, 0.4315

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.



35.0524, 0.2942, 0.4771



35.0524, 0.2323, 0.2004



35.0524, 0.4488, 0.4506

Square

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



35.0524, 0.2323, 0.2004



35.0524, 0.4715, 0.3262



35.0524, 0.3778, 0.4916



35.0524, 0.1752, 0.3001

Rectangle

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



35.0524, 0.2323, 0.2004



35.0524, 0.3728, 0.2520



35.0524, 0.3778, 0.4916



35.0524, 0.2424, 0.4286

Sweetspot

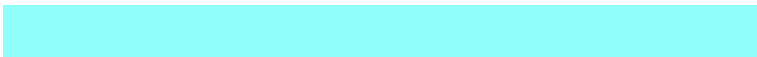
The Sweet Spot groups the original color and five complimentary colors.



35.0536, 0.2323, 0.2004



75.6929, 0.2919, 0.2961



84.4076, 0.2565, 0.3350



15.4084, 0.2881, 0.2900



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.



35.0536, 0.2323, 0.2004



26.9384, 0.2134, 0.1696



39.0059, 0.2674, 0.2064



17.5102, 0.2978, 0.3055



3.9615, 0.1508, 0.0627



0.4303, 0.1525, 0.0691

Inverse Universe

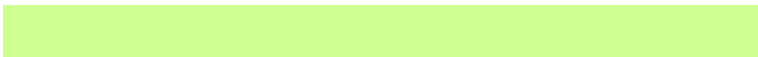
The Inverse Universe completely reimagines the original color for something new.



43.7122, 0.4216, 0.3241



36.8474, 0.4578, 0.3234



86.6116, 0.3433, 0.4492



18.0005, 0.3287, 0.3280



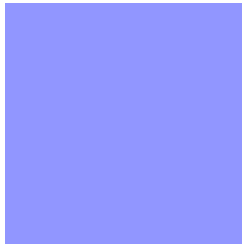
11.1279, 0.6355, 0.3274



1.0880, 0.6247, 0.3215

Previews

White Background



This preview shows how the Yxy color 35.0524, 0.2323, 0.2004 looks on a white background.

Color Contrast Check

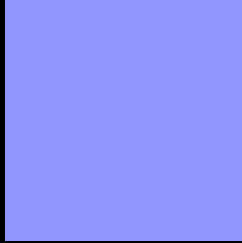
Large Text (above 18pt) WCAG AA × Fail

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 35.0524, 0.2323, 0.2004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

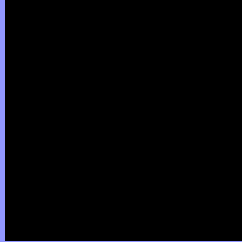
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0524, 0.2323, 0.2004

Background



This preview shows how black text looks on a background with the Yxy color 35.0524, 0.2323, 0.2004.



This preview shows how white text looks on a background with the Yxy color 35.0524, 0.2323, 0.2004.

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

35.0524, 0.2323, 0.2004

Protanopia

35.0619, 0.2196, 0.2035

Deuteranopia

35.3593, 0.2145, 0.2085



Tritanopia

34.9277, 0.2670, 0.3075

Trichromacy



Original Color

35.0524, 0.2323, 0.2004

Protanomaly

35.0770, 0.2241, 0.2025

Deuteranomaly

34.9976, 0.2200, 0.2044

Tritanomaly

34.5521, 0.2529, 0.2621

Monochromacy



Original Color

35.0524, 0.2323, 0.2004

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6856, 0.2789, 0.2744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0524, 0.2323, 0.2004 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(145, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 150, 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(145, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 150, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.0524, 0.2323, 0.2004 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(145, 150, 255) }
```

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

```
.border{ border-color:rgb(145, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 150,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0524, 0.2323, 0.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 150, 255) }
```

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

```
.background{ background-color: rgb(145,  
150, 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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