

Converting Colors

$Y_{xy}(35.4892, 0.2411, 0.2234)$

Have a look what the booklet for
Yxy(35.4892, 0.2411, 0.2234)
contains.

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Color

Yxy(35.3079, 0.2409, 0.2229)

Conversions

Conversions Part 1

Format	Color
Hex	8E9BED
RGB	142, 155, 237
RGB Percent	56%, 61%, 93%
CMY	0.4433, 0.3921, 0.0705
CMYK	0.40, 0.35, 0.00, 0.07
HSL	232°, 73%, 74%
HSV	232°, 40%, 93%
XYZ	38.1591, 35.3079, 84.9354
YIQ	160.4610, -34.0700, 22.7460

Conversions

Conversions Part 2

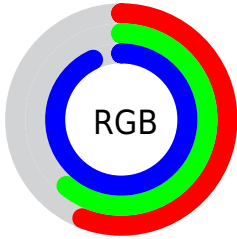
Format	Color
RYB	142, 153, 237
Decimal	9346029
CIELab	65.99, 15.46, -42.75
CIELCh	66, 45.460, 289.883
Yxy	35.3079, 0.2409, 0.2229
Android (android.graphics.Color)	4287536109 (0xFF8E9BED)
YUV	160.4610, 37.7337, -16.1903
Hunter-Lab	59.4205, 10.6449, -43.1546

Details

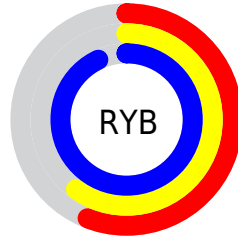
The Yxy color **35.3079, 0.2409, 0.2229** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.2525, 0.3778, 0.4164**, and the grayscale version is **35.2101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9630, 0.2763, 0.2787**, and **15.2631, 0.2201, 0.1951** is the 20% darker color. If you saturate the color by 10%, you get **27.1915, 0.2206, 0.1911**, and if you desaturate by 10%, it is **45.0250, 0.2608, 0.2533**.

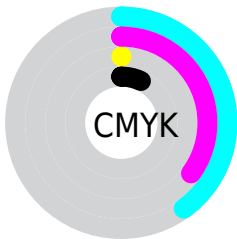
Distribution



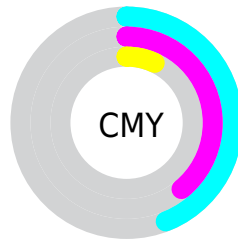
- Red (56%)
- Green (61%)
- Blue (93%)



- Red (56%)
- Yellow (60%)
- Blue (93%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)





- Cyan (44%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3079, 0.2409, 0.2229 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 35.3079, 0.2409, 0.2229 by changing the saturation by 10% instead.


 35.3079, 0.2409,
0.2229


 35.3079, 0.2409,
0.2229


325.9253, 0.2776,
0.2746

 23.9002, 0.2317,
0.2107


 67.9625, 0.2543,
0.2412

 15.2596, 0.2201,
0.1956


 89.9781, 0.2593,
0.2482

 9.0018, 0.2048,
0.1764


116.2985, 0.2636,
0.2542

 4.7423, 0.1843,
0.1516

147.3080, 0.2672,
0.2594

 2.0969, 0.1557,
0.1191

183.3910, 0.2703,
0.2639

 0.6629, 0.1154,
0.0751

224.9320, 0.2731,

 0.0000, 0.0000,

0.2679

0.0000

272.3153, 0.2755,
0.2714

■ 35.3079, 0.2409,
0.2229

■ 35.3079, 0.2409,
0.2229

■ 27.1915, 0.2206,
0.1911

■ 45.0250, 0.2608,
0.2533

■ 20.5853, 0.2010,
0.1592

■ 56.4189, 0.2796,
0.2813

■ 15.3959, 0.1833,
0.1292

■ 69.5653, 0.2969,
0.3065

■ 11.5173, 0.1688,
0.1031

■ 84.5343, 0.3126,
0.3288

■ 8.8283, 0.1585,
0.0827

■ 98.8953, 0.3232,
0.3463

■ 7.1774, 0.1526,
0.0692

Harmonies

Analogous

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



35.3079, 0.2030, 0.2287



35.3079, 0.2409, 0.2229



35.3079, 0.3017, 0.2395

Triad

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



35.3079, 0.2409, 0.2229



35.3079, 0.4514, 0.3740



35.3079, 0.2485, 0.3925

Complementary

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



35.3079, 0.2409, 0.2229



73.2525, 0.3778, 0.4164

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.



35.3079, 0.3111, 0.4466



35.3079, 0.2409, 0.2229



35.3079, 0.4300, 0.4230

Square

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



35.3079, 0.2409, 0.2229



35.3079, 0.4308, 0.3217



35.3079, 0.3777, 0.4544



35.3079, 0.2061, 0.3193

Rectangle

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



35.3079, 0.2409, 0.2229



35.3079, 0.3494, 0.2611



35.3079, 0.3777, 0.4544



35.3079, 0.2678, 0.4146

Sweetspot

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



35.3092, 0.2409, 0.2229



78.9491, 0.2937, 0.3018



71.6391, 0.2644, 0.3462



16.4485, 0.2915, 0.2986



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.



35.3092, 0.2409, 0.2229



33.7964, 0.2245, 0.1972



34.5911, 0.2638, 0.2137



14.8823, 0.2980, 0.3080



4.0272, 0.1530, 0.0709



0.4217, 0.1586, 0.0910

Inverse Universe

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



39.7090, 0.4001, 0.3145



40.1085, 0.4280, 0.3119



75.3305, 0.3483, 0.4372



15.0877, 0.3271, 0.3258



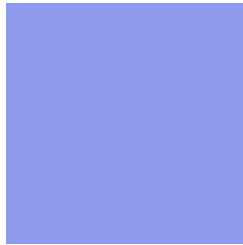
9.8994, 0.6217, 0.3199



0.7880, 0.5896, 0.3022

Previews

White Background



This preview shows how the Yxy color 35.3079, 0.2409, 0.2229 looks on a white background.

Color Contrast Check

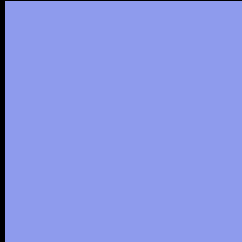
Large Text (above 18pt) WCAG AA × Fail

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 35.3079, 0.2409, 0.2229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

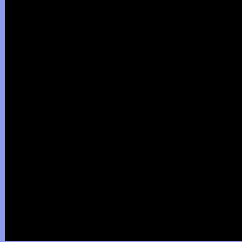
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3079, 0.2409, 0.2229

Background



This preview shows how black text looks on a background with the Yxy color 35.3079, 0.2409, 0.2229.



This preview shows how white text looks on a background with the Yxy color 35.3079, 0.2409, 0.2229.

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

35.3079, 0.2409, 0.2229

Protanopia

35.2515, 0.2338, 0.2218

Deuteranopia

35.3644, 0.2327, 0.2268



Tritanopia

35.5219, 0.2695, 0.3092

Trichromacy



Original Color

35.3079, 0.2409, 0.2229

Protanomaly

35.1842, 0.2366, 0.2222

Deuteranomaly

35.4154, 0.2356, 0.2262

Tritanomaly

35.3980, 0.2581, 0.2743

Monochromacy



Original Color

35.3079, 0.2409, 0.2229

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8569, 0.2828, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3079, 0.2409, 0.2229 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(142, 155, 237)` looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 237)  
}
```

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(142, 155, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 237) }
```

Border

The CSS property to change the border of an element to Yxy 35.3079, 0.2409, 0.2229 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(142, 155, 237) }
```

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

```
.border{ border-color:rgb(142, 155, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 155, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 237);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3079, 0.2409, 0.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 237) }
```

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

```
.background{ background-color: rgb(142,  
155, 237) }
```

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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