

Converting Colors

$Yxy(34.9593, 0.2448, 0.2360)$

Have a look what the booklet for
Yxy(34.9593, 0.2448, 0.2360)
contains.

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Color

Yxy(35.0082, 0.2449, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	8A9DE2
RGB	138, 157, 226
RGB Percent	54%, 62%, 89%
CMY	0.4588, 0.3843, 0.1136
CMYK	0.39, 0.31, 0.00, 0.11
HSL	227°, 60%, 71%
HSV	227°, 39%, 89%
XYZ	36.2670, 35.0082, 76.8137
YIQ	159.1850, -33.4730, 17.4310

Conversions

Conversions Part 2

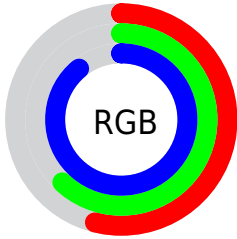
Format	Color
RYB	138, 154, 226
Decimal	9084386
CIELab	65.76, 10.26, -37.09
CIELCh	66, 38.479, 285.469
Yxy	35.0082, 0.2449, 0.2364
Android (android.graphics.Color)	4287274466 (0xFF8A9DE2)
YUV	159.1850, 32.9398, -18.5792
Hunter-Lab	59.1677, 5.8683, -35.5550

Details

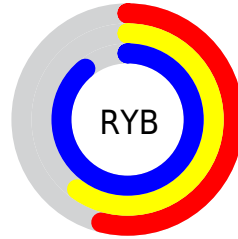
The Yxy color **35.0082, 0.2449, 0.2364** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.6408, 0.3785, 0.4068**, and the grayscale version is **34.6184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2779, 0.2732, 0.2805**, and **15.0952, 0.2255, 0.2118** is the 20% darker color. If you saturate the color by 10%, you get **27.7100, 0.2256, 0.2075**, and if you desaturate by 10%, it is **43.5799, 0.2639, 0.2637**.

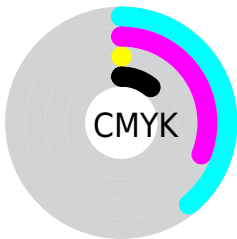
Distribution



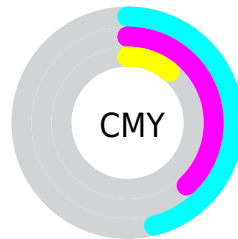
- Red (54%)
- Green (62%)
- Blue (89%)



- Red (54%)
- Yellow (60%)
- Blue (89%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0082, 0.2449, 0.2364 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 35.0082, 0.2449, 0.2364 by changing the saturation by 10% instead.

■ 35.0082, 0.2449,
0.2364

■ 35.0082, 0.2449,
0.2364

■ 324.6045, 0.2797,
0.2823

■ 23.6692, 0.2361,
0.2253

■ 67.4985, 0.2576,
0.2529

■ 15.0884, 0.2249,
0.2113

■ 89.4185, 0.2624,
0.2591

■ 8.8815, 0.2101,
0.1932

■ 115.6344, 0.2664,
0.2645

■ 4.6639, 0.1899,
0.1692

■ 146.5304, 0.2698,
0.2690

■ 2.0515, 0.1613,
0.1366

■ 182.4911, 0.2728,
0.2730

■ 0.6371, 0.1199,
0.0892

■ 223.9007, 0.2754,

■ 0.0000, 0.0000,

0.2765

0.0000

271.1437, 0.2777,
0.2796

■ 35.0082, 0.2449,
0.2364

■ 35.0082, 0.2449,
0.2364

■ 27.7100, 0.2256,
0.2075

■ 43.5799, 0.2639,
0.2637

■ 21.6191, 0.2067,
0.1778

■ 53.4792, 0.2820,
0.2887

■ 16.6689, 0.1894,
0.1489

■ 64.7616, 0.2989,
0.3111

■ 12.7843, 0.1748,
0.1223

■ 77.4784, 0.3143,
0.3310

■ 9.8805, 0.1637,
0.0997

■ 91.6781, 0.3282,
0.3484

■ 7.8465, 0.1564,
0.0822

■ 98.2723, 0.3297,
0.3571

■ 7.6725, 0.1557,
0.0806

Harmonies

Analogous

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



35.0082, 0.2146, 0.2454



35.0082, 0.2449, 0.2364



35.0082, 0.2952, 0.2480

Triad

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



35.0082, 0.2449, 0.2364



35.0082, 0.4305, 0.3630



35.0082, 0.2656, 0.3906

Complementary

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



35.0082, 0.2449, 0.2364



62.6408, 0.3785, 0.4068

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.



35.0082, 0.3211, 0.4309



35.0082, 0.2449, 0.2364



35.0082, 0.4183, 0.4058

Square

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



35.0082, 0.2449, 0.2364



35.0082, 0.4072, 0.3173



35.0082, 0.3773, 0.4337



35.0082, 0.2251, 0.3305

Rectangle

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



35.0082, 0.2449, 0.2364



35.0082, 0.3354, 0.2656



35.0082, 0.3773, 0.4337



35.0082, 0.2830, 0.4076

Sweetspot

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



35.0095, 0.2449, 0.2364



80.2872, 0.2938, 0.3043



64.3109, 0.2688, 0.3532



16.7610, 0.2916, 0.3014



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.



35.0095, 0.2449, 0.2364



37.8830, 0.2287, 0.2123



31.4473, 0.2607, 0.2163



13.7207, 0.2981, 0.3101



4.5183, 0.1564, 0.0829



0.4443, 0.1642, 0.1112

Inverse Universe

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



36.7822, 0.3883, 0.3068



41.2040, 0.4136, 0.3024



68.6693, 0.3517, 0.4321



13.7487, 0.3258, 0.3240



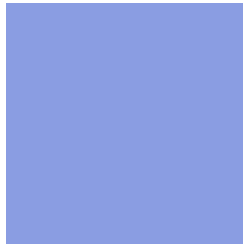
9.3642, 0.6024, 0.3092



0.6623, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 35.0082, 0.2449, 0.2364 looks on a white background.

Color Contrast Check

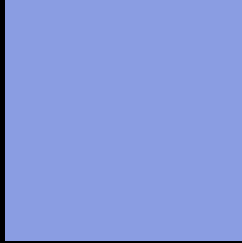
Large Text (above 18pt) WCAG AA × Fail

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 35.0082, 0.2449, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

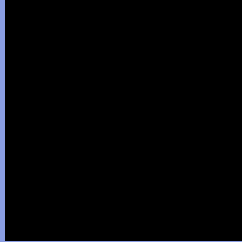
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0082, 0.2449, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 35.0082, 0.2449, 0.2364.



This preview shows how white text looks on a background with the Yxy color 35.0082, 0.2449, 0.2364.

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

35.0082, 0.2449, 0.2364

Protanopia

35.0082, 0.2449, 0.2364

Deuteranopia

35.0956, 0.2431, 0.2373



Tritanopia

34.9627, 0.2685, 0.3090

Trichromacy



Original Color

35.0082, 0.2449, 0.2364

Protanomaly

35.0082, 0.2449, 0.2364

Deuteranomaly

35.1789, 0.2438, 0.2375

Tritanomaly

34.9257, 0.2593, 0.2806

Monochromacy



Original Color

35.0082, 0.2449, 0.2364

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4519, 0.2850, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0082, 0.2449, 0.2364 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(138, 157, 226)` looks like.

```
.text, #text, p{  
    color:rgb(138, 157, 226)  
}
```

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(138, 157, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 157, 226) }
```

Border

The CSS property to change the border of an element to Yxy 35.0082, 0.2449, 0.2364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

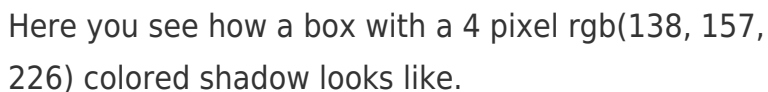
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 157, 226) }
```

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

```
.border{ border-color:rgb(138, 157, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 157, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 157, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 157, 226); box-shadow:4px 4px 4px 4px rgb(138, 157, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0082, 0.2449, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 157, 226) }
```

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

```
.background{ background-color: rgb(138,  
157, 226) }
```

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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