

Converting Colors

$Y_{xy}(35.3190, 0.2431, 0.2331)$

Have a look what the booklet for
Yxy(35.3190, 0.2431, 0.2331)
contains.

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Color

Yxy(35.1744, 0.2432, 0.2332)

Conversions

Conversions Part 1

Format	Color
Hex	8A9DE5
RGB	138, 157, 229
RGB Percent	54%, 62%, 90%
CMY	0.4587, 0.3843, 0.1020
CMYK	0.40, 0.31, 0.00, 0.10
HSL	227°, 64%, 72%
HSV	227°, 40%, 90%
XYZ	36.6827, 35.1744, 78.9765
YIQ	159.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

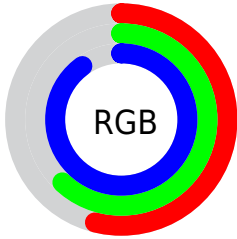
Format	Color
RYB	138, 154, 229
Decimal	9084389
CIELab	65.88, 11.09, -38.52
CIElCh	66, 40.082, 286.058
Yxy	35.1744, 0.2432, 0.2332
Android (android.graphics.Color)	4287274469 (0xFF8A9DE5)
YUV	159.5270, 34.2502, -18.8792
Hunter-Lab	59.3080, 6.6154, -37.4369

Details

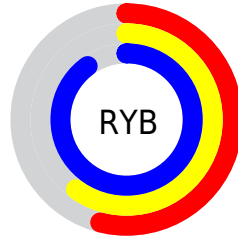
The Yxy color **35.1744, 0.2432, 0.2332** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.5945, 0.3797, 0.4091**, and the grayscale version is **34.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2779, 0.2732, 0.2805**, and **15.1642, 0.2227, 0.2076** is the 20% darker color. If you saturate the color by 10%, you get **27.7394, 0.2238, 0.2039**, and if you desaturate by 10%, it is **43.9334, 0.2624, 0.2609**.

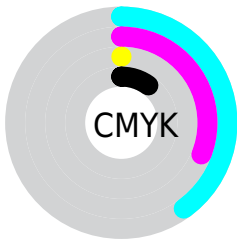
Distribution



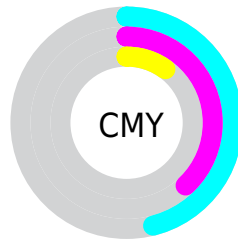
- Red (54%)
- Green (62%)
- Blue (90%)



- Red (54%)
- Yellow (60%)
- Blue (90%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)




- Cyan (46%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1744, 0.2432, 0.2332 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 35.1744, 0.2432, 0.2332 by changing the saturation by 10% instead.


 35.1744, 0.2432,
0.2332


 35.1744, 0.2432,
0.2332


325.3375, 0.2788,
0.2805

 23.7972, 0.2343,
0.2218


 67.7559, 0.2562,
0.2501

 15.1833, 0.2229,
0.2075


 89.7289, 0.2611,
0.2566

 8.9481, 0.2079,
0.1891


 116.0028, 0.2652,
0.2621

 4.7074, 0.1875,
0.1650

146.9618, 0.2687,
0.2668

 2.0766, 0.1588,
0.1324

182.9904, 0.2717,
0.2709

 0.6514, 0.1176,
0.0860

224.4729, 0.2744,

 0.0000, 0.0000,

0.2745

0.0000

271.7938, 0.2767,
0.2777

■ 35.1744, 0.2432,
0.2332

■ 35.1744, 0.2432,
0.2332

■ 27.7394, 0.2238,
0.2039

■ 43.9334, 0.2624,
0.2609

■ 21.5584, 0.2049,
0.1740

■ 54.0737, 0.2806,
0.2864

■ 16.5608, 0.1877,
0.1450

■ 65.6540, 0.2976,
0.3093

■ 12.6670, 0.1733,
0.1187

■ 78.7283, 0.3131,
0.3295

■ 9.7864, 0.1625,
0.0965

■ 93.3477, 0.3271,
0.3473

■ 7.7959, 0.1555,
0.0797

■ 98.4366, 0.3280,
0.3542

■ 7.7507, 0.1554,
0.0793

Harmonies

Analogous

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



35.1744, 0.2115, 0.2419



35.1744, 0.2432, 0.2332



35.1744, 0.2956, 0.2457

Triad

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



35.1744, 0.2432, 0.2332



35.1744, 0.4353, 0.3647



35.1744, 0.2626, 0.3922

Complementary

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



35.1744, 0.2432, 0.2332



64.5945, 0.3797, 0.4091

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.



35.1744, 0.3200, 0.4349



35.1744, 0.2432, 0.2332



35.1744, 0.4216, 0.4091

Square

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



35.1744, 0.2432, 0.2332



35.1744, 0.4119, 0.3176



35.1744, 0.3784, 0.4381



35.1744, 0.2212, 0.3292

Rectangle

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



35.1744, 0.2432, 0.2332



35.1744, 0.3374, 0.2640



35.1744, 0.3784, 0.4381



35.1744, 0.2806, 0.4101

Sweetspot

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



35.1757, 0.2432, 0.2332



80.1611, 0.2937, 0.3041



66.0559, 0.2680, 0.3538



16.7316, 0.2916, 0.3012



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.



35.1757, 0.2432, 0.2332



36.6714, 0.2265, 0.2082



31.7127, 0.2594, 0.2137



14.3717, 0.2980, 0.3098



4.5718, 0.1560, 0.0814



0.4701, 0.1632, 0.1076

Inverse Universe

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



37.2755, 0.3913, 0.3072



40.3988, 0.4179, 0.3028



70.5957, 0.3525, 0.4343



14.4169, 0.3260, 0.3241



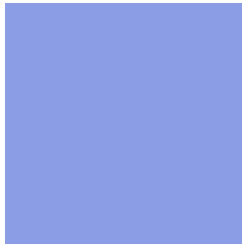
9.6592, 0.6046, 0.3104



0.7271, 0.5645, 0.2884

Previews

White Background



This preview shows how the Yxy color 35.1744, 0.2432, 0.2332 looks on a white background.

Color Contrast Check

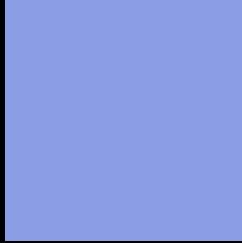
Large Text (above 18pt) WCAG AA × Fail

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 35.1744, 0.2432, 0.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

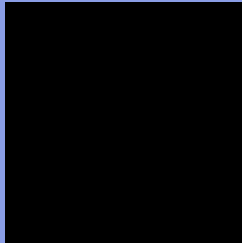
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1744, 0.2432, 0.2332

Background



This preview shows how black text looks on a background with the Yxy color 35.1744, 0.2432, 0.2332.



This preview shows how white text looks on a background with the Yxy color 35.1744, 0.2432, 0.2332.

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

35.1744, 0.2432, 0.2332

Protanopia

35.0894, 0.2425, 0.2330

Deuteranopia

35.0974, 0.2401, 0.2338



Tritanopia

35.3683, 0.2680, 0.3091

Trichromacy



Original Color

35.1744, 0.2432, 0.2332

Protanomaly

35.0894, 0.2425, 0.2330

Deuteranomaly

35.2618, 0.2414, 0.2341

Tritanomaly

35.0174, 0.2579, 0.2779

Monochromacy



Original Color

35.1744, 0.2432, 0.2332

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9745, 0.2844, 0.2916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1744, 0.2432, 0.2332 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(138, 157, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 157, 229) }
```

Border

The CSS property to change the border of an element to Yxy 35.1744, 0.2432, 0.2332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

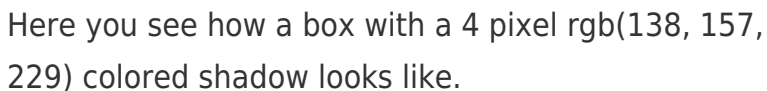
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 157, 229) }
```

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

```
.border{ border-color:rgb(138, 157, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 157, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 157, 229);  
box-shadow:4px 4px 4px 4px rgb(138, 157,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1744, 0.2432, 0.2332 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, 229) }
```

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

```
.background{ background-color: rgb(138,  
157, 229) }
```

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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