

Converting Colors

Yxy(35.4685, 0.2563, 0.2441)

Have a look what the booklet for
Yxy(35.4685, 0.2563, 0.2441)
contains.

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Color

Yxy(35.3338, 0.2564, 0.2435)

Conversions

Conversions Part 1

Format	Color
Hex	959CDC
RGB	149, 156, 220
RGB Percent	58%, 61%, 86%
CMY	0.4155, 0.3883, 0.1373
CMYK	0.32, 0.29, 0.00, 0.14
HSL	234°, 50%, 72%
HSV	234°, 32%, 86%
XYZ	37.2057, 35.3338, 72.5685
YIQ	161.2030, -24.7160, 18.4200

Conversions

Conversions Part 2

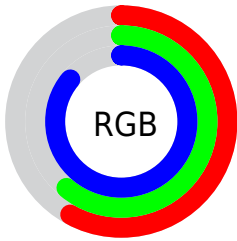
Format	Color
RYB	149, 155, 220
Decimal	9805020
CIELab	66.01, 12.28, -33.31
CIELCh	66, 35.498, 290.233
Yxy	35.3338, 0.2564, 0.2435
Android (android.graphics.Color)	4287995100 (0xFF959CDC)
YUV	161.2030, 28.9869, -10.7020
Hunter-Lab	59.4422, 7.7016, -30.7731

Details

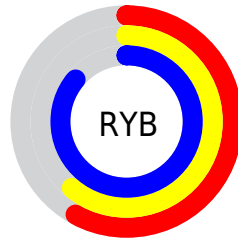
The Yxy color **35.3338, 0.2564, 0.2435** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.9972, 0.3634, 0.4021**, and the grayscale version is **35.6143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2923, 0.2803, 0.2803**, and **15.3066, 0.2393, 0.2198** is the 20% darker color. If you saturate the color by 10%, you get **27.3328, 0.2361, 0.2115**, and if you desaturate by 10%, it is **44.8162, 0.2757, 0.2733**.

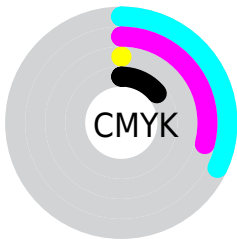
Distribution



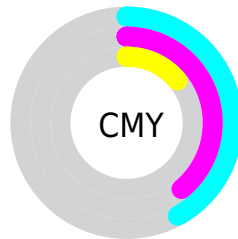
- Red (58%)
- Green (61%)
- Blue (86%)



- Red (58%)
- Yellow (61%)
- Blue (86%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3338, 0.2564, 0.2435 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 35.3338, 0.2564, 0.2435 by changing the saturation by 10% instead.

■ 35.3338, 0.2564,
0.2435

■ 35.3338, 0.2564,
0.2435

■ 326.0393, 0.2855,
0.2860

■ 23.9201, 0.2490,
0.2332

■ 68.0026, 0.2671,
0.2588

■ 15.2744, 0.2393,
0.2201

■ 90.0264, 0.2711,
0.2646

■ 9.0122, 0.2265,
0.2031

■ 116.3558, 0.2745,
0.2695

■ 4.7491, 0.2087,
0.1803

■ 147.3751, 0.2774,
0.2737

■ 2.1008, 0.1827,
0.1489

■ 183.4687, 0.2798,
0.2774

■ 0.6651, 0.1433,
0.1020

■ 225.0210, 0.2820,

■ 0.0000, 0.0000,

0.2806

0.0000

272.4164, 0.2839,
0.2834

■ 35.3338, 0.2564,
0.2435

■ 35.3338, 0.2564,
0.2435

■ 27.3328, 0.2361,
0.2115

■ 44.8162, 0.2757,
0.2733

■ 20.7344, 0.2155,
0.1785

■ 55.8455, 0.2934,
0.3002

■ 15.4585, 0.1958,
0.1461

■ 68.4882, 0.3094,
0.3240

■ 11.4153, 0.1785,
0.1166

■ 82.8055, 0.3235,
0.3449

■ 8.5036, 0.1648,
0.0922

■ 97.9473, 0.3333,
0.3631

■ 6.6058, 0.1557,
0.0745

■ 5.7246, 0.1516,
0.0658

Harmonies

Analogous

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



35.3338, 0.2248, 0.2490



35.3338, 0.2564, 0.2435



35.3338, 0.3054, 0.2571

Triad

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



35.3338, 0.2564, 0.2435



35.3338, 0.4215, 0.3679



35.3338, 0.2623, 0.3772

Complementary

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



35.3338, 0.2564, 0.2435



64.9972, 0.3634, 0.4021

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.



35.3338, 0.3124, 0.4183



35.3338, 0.2564, 0.2435



35.3338, 0.4058, 0.4058

Square

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



35.3338, 0.2564, 0.2435



35.3338, 0.4050, 0.3253



35.3338, 0.3651, 0.4271



35.3338, 0.2275, 0.3222

Rectangle

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



35.3338, 0.2564, 0.2435



35.3338, 0.3427, 0.2750



35.3338, 0.3651, 0.4271



35.3338, 0.2778, 0.3937

Sweetspot

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



35.3352, 0.2564, 0.2435



81.6734, 0.2970, 0.3056



62.3786, 0.2707, 0.3378



16.9703, 0.2947, 0.3021



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.



35.3352, 0.2564, 0.2435



41.2612, 0.2421, 0.2211



36.0709, 0.2785, 0.2398



12.8215, 0.2981, 0.3072



3.4335, 0.1520, 0.0671



0.2941, 0.1571, 0.0856

Inverse Universe

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



39.1225, 0.3794, 0.3208



47.6137, 0.4011, 0.3190



64.5137, 0.3391, 0.4154



13.0722, 0.3276, 0.3267



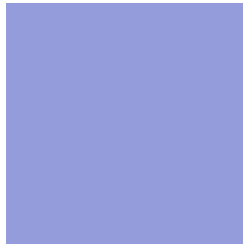
8.9704, 0.6282, 0.3234



0.5884, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 35.3338, 0.2564, 0.2435 looks on a white background.

Color Contrast Check

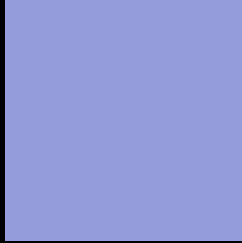
Large Text (above 18pt) WCAG AA × Fail

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 35.3338, 0.2564, 0.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

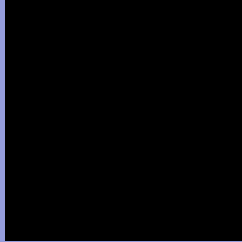
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3338, 0.2564, 0.2435

Background



This preview shows how black text looks on a background with the Yxy color 35.3338, 0.2564, 0.2435.



This preview shows how white text looks on a background with the Yxy color 35.3338, 0.2564, 0.2435.

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

35.3338, 0.2564, 0.2435

Protanopia

35.3904, 0.2496, 0.2427

Deuteranopia

35.3718, 0.2516, 0.2451



Tritanopia

35.3007, 0.2808, 0.3095

Trichromacy



Original Color

35.3338, 0.2564, 0.2435

Protanomaly

35.2637, 0.2522, 0.2429

Deuteranomaly

35.3010, 0.2536, 0.2442

Tritanomaly

35.1796, 0.2710, 0.2829

Monochromacy



Original Color

35.3338, 0.2564, 0.2435

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3418, 0.2912, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3338, 0.2564, 0.2435 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(149, 156, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 220)  
}
```

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(149, 156, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 220) }
```

Border

The CSS property to change the border of an element to Yxy 35.3338, 0.2564, 0.2435 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(149, 156, 220) }
```

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

```
.border{ border-color:rgb(149, 156, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 156, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 156, 220); box-shadow:4px 4px 4px 4px rgb(149, 156, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3338, 0.2564, 0.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 220) }
```

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

```
.background{ background-color: rgb(149,  
156, 220) }
```

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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