

Converting Colors

Yxy(34.9384, 0.2485, 0.2448)

Have a look what the booklet for
Yxy(34.9384, 0.2485, 0.2448)
contains.

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Color

Yxy(34.9394, 0.2480, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	899EDC
RGB	137, 158, 220
RGB Percent	54%, 62%, 86%
CMY	0.4629, 0.3803, 0.1374
CMYK	0.38, 0.28, 0.00, 0.14
HSL	225°, 54%, 70%
HSV	225°, 38%, 86%
XYZ	35.4541, 34.9394, 72.5664
YIQ	158.7890, -32.4180, 14.8300

Conversions

Conversions Part 2

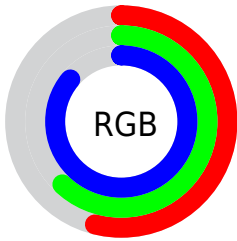
Format	Color
R_{YB}	137, 154, 220
Decimal	9019100
CIE Lab	65.70, 7.76, -33.83
CIE LCh	66, 34.713, 282.924
Yxy	34.9394, 0.2480, 0.2444
Android (android.graphics.Color)	4287209180 (0xFF899EDC)
YUV	158.7890, 30.1770, -19.1090
Hunter-Lab	59.1096, 3.6230, -31.4113

Details

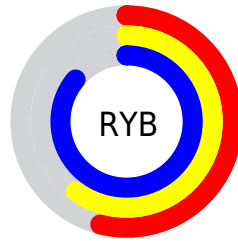
The Yxy color **34.9394, 0.2480, 0.2444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.8275, 0.3774, 0.4010**, and the grayscale version is **34.4383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6444, 0.2727, 0.2815**, and **15.0710, 0.2284, 0.2204** is the 20% darker color. If you saturate the color by 10%, you get **28.0352, 0.2291, 0.2170**, and if you desaturate by 10%, it is **42.9736, 0.2666, 0.2700**.

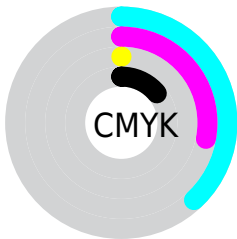
Distribution



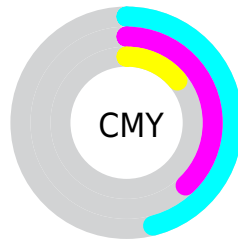
- Red (54%)
- Green (62%)
- Blue (86%)



- Red (54%)
- Yellow (60%)
- Blue (86%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (38%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9394, 0.2480, 0.2444 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 34.9394, 0.2480, 0.2444 by changing the saturation by 10% instead.

■ 34.9394, 0.2480,
0.2444

■ 34.9394, 0.2480,
0.2444

■ 324.3008, 0.2812,
0.2868

■ 23.6162, 0.2396,
0.2340

■ 67.3919, 0.2602,
0.2597

■ 15.0492, 0.2288,
0.2208

■ 89.2899, 0.2647,
0.2655

■ 8.8539, 0.2144,
0.2036

■ 115.4818, 0.2686,
0.2704

■ 4.6460, 0.1947,
0.1804

■ 146.3517, 0.2719,
0.2746

■ 2.0411, 0.1664,
0.1483

■ 182.2842, 0.2747,
0.2782

■ 0.6312, 0.1244,
0.0995

■ 223.6636, 0.2771,

■ 0.0000, 0.0000,

0.2814

0.0000

270.8743, 0.2793,
0.2843

■ 34.9394, 0.2480,
0.2444

■ 34.9394, 0.2480,
0.2444

■ 28.0352, 0.2291,
0.2170

■ 42.9736, 0.2666,
0.2700

■ 22.2042, 0.2106,
0.1887

■ 52.1827, 0.2843,
0.2934

■ 17.3908, 0.1935,
0.1606

■ 62.6142, 0.3008,
0.3144

■ 13.5320, 0.1787,
0.1341

■ 74.3116, 0.3160,
0.3330

■ 10.5570, 0.1672,
0.1107

■ 87.3162, 0.3298,
0.3493

■ 8.3781, 0.1592,
0.0916

■ 97.9459, 0.3334,
0.3631

■ 7.9737, 0.1577,
0.0878

Harmonies

Analogous

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



34.9394, 0.2218, 0.2548



34.9394, 0.2480, 0.2444



34.9394, 0.2927, 0.2534

Triad

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



34.9394, 0.2480, 0.2444



34.9394, 0.4185, 0.3573



34.9394, 0.2742, 0.3883

Complementary

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



34.9394, 0.2480, 0.2444



57.8275, 0.3774, 0.4010

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.



34.9394, 0.3254, 0.4218



34.9394, 0.2480, 0.2444



34.9394, 0.4106, 0.3965

Square

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



34.9394, 0.2480, 0.2444



34.9394, 0.3948, 0.3154



34.9394, 0.3756, 0.4225



34.9394, 0.2355, 0.3355

Rectangle

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



34.9394, 0.2480, 0.2444



34.9394, 0.3287, 0.2687



34.9394, 0.3756, 0.4225



34.9394, 0.2905, 0.4027

Sweetspot

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



34.9407, 0.2480, 0.2444



82.4247, 0.2954, 0.3076



60.5576, 0.2723, 0.3579



17.2108, 0.2932, 0.3048



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.



34.9407, 0.2480, 0.2444



41.3241, 0.2336, 0.2236



30.1485, 0.2593, 0.2194



13.1512, 0.2981, 0.3110



4.8322, 0.1584, 0.0903



0.4508, 0.1672, 0.1219

Inverse Universe

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



35.5621, 0.3812, 0.3038



42.9671, 0.4024, 0.2989



65.3404, 0.3538, 0.4275



13.1054, 0.3252, 0.3231



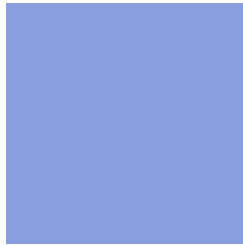
9.1116, 0.5908, 0.3028



0.6042, 0.5439, 0.2770

Previews

White Background



This preview shows how the Yxy color 34.9394, 0.2480, 0.2444 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 34.9394, 0.2480, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

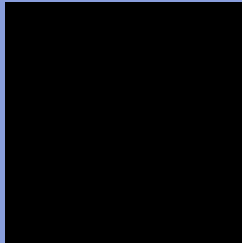
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9394, 0.2480, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 34.9394, 0.2480, 0.2444.



This preview shows how white text looks on a background with the Yxy color 34.9394, 0.2480, 0.2444.

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

34.9394, 0.2480, 0.2444

Protanopia

34.8911, 0.2513, 0.2447

Deuteranopia

34.8567, 0.2499, 0.2434



Tritanopia

35.0391, 0.2693, 0.3091

Trichromacy



Original Color

34.9394, 0.2480, 0.2444

Protanomaly

34.8039, 0.2506, 0.2445

Deuteranomaly

34.7702, 0.2492, 0.2433

Tritanomaly

34.9147, 0.2613, 0.2834

Monochromacy



Original Color

34.9394, 0.2480, 0.2444

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7118, 0.2867, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9394, 0.2480, 0.2444 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(137, 158, 220)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 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(137, 158, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 220) }
```

Border

The CSS property to change the border of an element to Yxy 34.9394, 0.2480, 0.2444 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(137, 158, 220) }
```

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

```
.border{ border-color:rgb(137, 158, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 220);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9394, 0.2480, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 220) }
```

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

```
.background{ background-color: rgb(137,  
158, 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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