

Converting Colors

$Y_{xy}(34.4279, 0.2456, 0.2335)$

Have a look what the booklet for
Yxy(34.4279, 0.2456, 0.2335)
contains.

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Color

Yxy(34.5091, 0.2459, 0.2340)

Conversions

Conversions Part 1

Format	Color
Hex	8C9BE2
RGB	140, 155, 226
RGB Percent	55%, 61%, 89%
CMY	0.4510, 0.3921, 0.1137
CMYK	0.38, 0.31, 0.00, 0.11
HSL	230°, 60%, 72%
HSV	230°, 38%, 89%
XYZ	36.2640, 34.5091, 76.7016
YIQ	158.6090, -31.7310, 18.9010

Conversions

Conversions Part 2

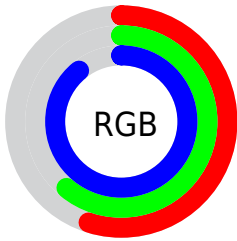
Format	Color
RYB	140, 153, 226
Decimal	9214946
CIELab	65.36, 11.94, -37.67
CIElCh	65, 39.517, 287.580
Yxy	34.5091, 0.2459, 0.2340
Android (android.graphics.Color)	4287405026 (0xFF8C9BE2)
YUV	158.6090, 33.2238, -16.3201
Hunter-Lab	58.7444, 7.3886, -36.2928

Details

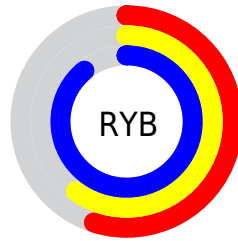
The Yxy color **34.5091, 0.2459, 0.2340** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.6523, 0.3754, 0.4087**, and the grayscale version is **34.3408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5567, 0.2743, 0.2784**, and **14.7813, 0.2264, 0.2086** is the 20% darker color. If you saturate the color by 10%, you get **27.0064, 0.2261, 0.2037**, and if you desaturate by 10%, it is **43.3771, 0.2652, 0.2626**.

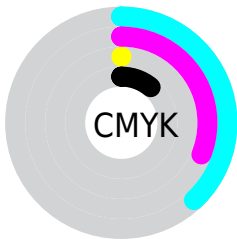
Distribution



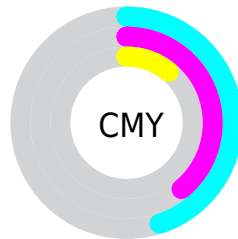
- Red (55%)
- Green (61%)
- Blue (89%)



- Red (55%)
- Yellow (60%)
- Blue (89%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)





- Cyan (45%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5091, 0.2459, 0.2340 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 34.5091, 0.2459, 0.2340 by changing the saturation by 10% instead.


 34.5091, 0.2459,
0.2340


 34.5091, 0.2459,
0.2340


322.3962, 0.2803,
0.2811

 23.2850, 0.2372,
0.2226


 66.7246, 0.2585,
0.2509

 14.8041, 0.2260,
0.2083

 88.4847, 0.2632,
0.2573

 8.6820, 0.2113,
0.1899


114.5257, 0.2672,
0.2627

 4.5343, 0.1911,
0.1655

145.2318, 0.2706,
0.2674

 1.9767, 0.1624,
0.1326

180.9875, 0.2735,
0.2715

 0.5939, 0.1209,
0.0839

222.1772, 0.2761,

 0.0000, 0.0000,

0.2751

0.0000

269.1853, 0.2783,
0.2782

■ 34.5091, 0.2459,
0.2340

■ 34.5091, 0.2459,
0.2340

■ 27.0064, 0.2261,
0.2037

■ 43.3771, 0.2652,
0.2626

■ 20.7964, 0.2067,
0.1728

■ 53.6704, 0.2835,
0.2887

■ 15.8055, 0.1888,
0.1429

■ 65.4501, 0.3003,
0.3121

■ 11.9507, 0.1737,
0.1158

■ 78.7724, 0.3156,
0.3328

■ 9.1380, 0.1623,
0.0933

■ 93.6906, 0.3292,
0.3509

■ 7.2510, 0.1550,
0.0767

■ 98.2711, 0.3298,
0.3572

■ 6.9697, 0.1539,
0.0742

Harmonies

Analogous

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



34.5091, 0.2133, 0.2415



34.5091, 0.2459, 0.2340



34.5091, 0.2988, 0.2473

Triad

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



34.5091, 0.2459, 0.2340



34.5091, 0.4345, 0.3670



34.5091, 0.2604, 0.3887

Complementary

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



34.5091, 0.2459, 0.2340



64.6523, 0.3754, 0.4087

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.



34.5091, 0.3169, 0.4327



34.5091, 0.2459, 0.2340



34.5091, 0.4192, 0.4105

Square

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



34.5091, 0.2459, 0.2340



34.5091, 0.4131, 0.3200



34.5091, 0.3753, 0.4381



34.5091, 0.2204, 0.3261

Rectangle

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



34.5091, 0.2459, 0.2340



34.5091, 0.3404, 0.2661



34.5091, 0.3753, 0.4381



34.5091, 0.2780, 0.4069

Sweetspot

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



34.5104, 0.2459, 0.2340



81.1672, 0.2954, 0.3053



64.6342, 0.2681, 0.3488



16.9132, 0.2931, 0.3022



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.



34.5104, 0.2459, 0.2340



37.1056, 0.2295, 0.2091



32.4895, 0.2646, 0.2199



13.6278, 0.2981, 0.3090



4.0964, 0.1545, 0.0761



0.4006, 0.1617, 0.1021

Inverse Universe

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



37.2928, 0.3898, 0.3115



41.8251, 0.4158, 0.3080



68.3977, 0.3488, 0.4304



13.7394, 0.3265, 0.3249



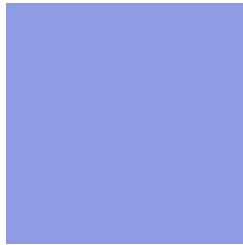
9.3216, 0.6132, 0.3152



0.6579, 0.5727, 0.2929

Previews

White Background



This preview shows how the Yxy color 34.5091, 0.2459, 0.2340 looks on a white background.

Color Contrast Check

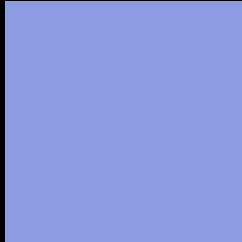
Large Text (above 18pt) WCAG AA × Fail

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 34.5091, 0.2459, 0.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

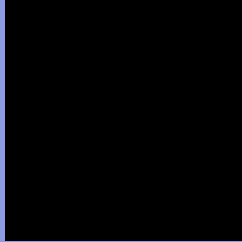
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5091, 0.2459, 0.2340

Background



This preview shows how black text looks on a background with the Yxy color 34.5091, 0.2459, 0.2340.



This preview shows how white text looks on a background with the Yxy color 34.5091, 0.2459, 0.2340.

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

34.5091, 0.2459, 0.2340

Protanopia

34.5572, 0.2428, 0.2336

Deuteranopia

34.5915, 0.2415, 0.2356



Tritanopia

34.3545, 0.2704, 0.3075

Trichromacy



Original Color

34.5091, 0.2459, 0.2340

Protanomaly

34.6414, 0.2434, 0.2338

Deuteranomaly

34.5022, 0.2433, 0.2347

Tritanomaly

34.3354, 0.2610, 0.2791

Monochromacy



Original Color

34.5091, 0.2459, 0.2340

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5480, 0.2859, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5091, 0.2459, 0.2340 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(140, 155, 226)` looks like.

```
.text, #text, p{  
    color:rgb(140, 155, 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(140, 155, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 155, 226) }
```

Border

The CSS property to change the border of an element to Yxy 34.5091, 0.2459, 0.2340 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(140, 155, 226) }
```

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

```
.border{ border-color:rgb(140, 155, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 155, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 155, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 155, 226);  
box-shadow:4px 4px 4px 4px rgb(140, 155,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5091, 0.2459, 0.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 155, 226) }
```

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

```
.background{ background-color: rgb(140,  
155, 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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