

Converting Colors

$Y_{xy}(35.7997, 0.2551, 0.2340)$

Have a look what the booklet for
Yxy(35.7997, 0.2551, 0.2340)
contains.

Yxy(35.9142, 0.2548, 0.2344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9142, 0.2548, 0.2344)

Conversions

Conversions Part 1

Format	Color
Hex	9A9BE4
RGB	154, 155, 228
RGB Percent	60%, 61%, 89%
CMY	0.3963, 0.3921, 0.1059
CMYK	0.32, 0.32, 0.00, 0.11
HSL	239°, 58%, 75%
HSV	239°, 32%, 89%
XYZ	39.0398, 35.9142, 78.2635
YIQ	163.0230, -24.0290, 22.4910

Conversions

Conversions Part 2

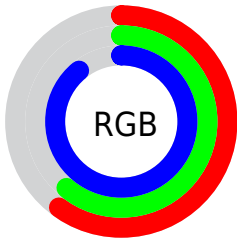
Format	Color
RYB	154, 155, 228
Decimal	10132452
CIELab	66.45, 16.27, -36.99
CIELCh	66, 40.411, 293.735
Yxy	35.9142, 0.2548, 0.2344
Android (android.graphics.Color)	4288322532 (0xFF9A9BE4)
YUV	163.0230, 32.0337, -7.9132
Hunter-Lab	59.9285, 11.4074, -35.4798

Details

The Yxy color **35.9142, 0.2548, 0.2344** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73.7025, 0.3620, 0.4088**, and the grayscale version is **36.4883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5226, 0.2835, 0.2797**, and **15.5885, 0.2374, 0.2097** is the 20% darker color. If you saturate the color by 10%, you get **27.0928, 0.2336, 0.1996**, and if you desaturate by 10%, it is **46.5538, 0.2748, 0.2671**.

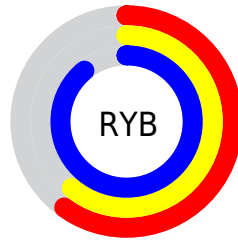
Distribution



Red (60%)

Green (61%)

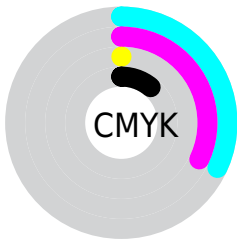
Blue (89%)



Red (60%)

Yellow (61%)

Blue (89%)

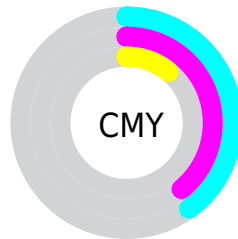


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9142, 0.2548, 0.2344 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 35.9142, 0.2548, 0.2344 by changing the saturation by 10% instead.

■ 35.9142, 0.2548,
0.2344

■ 35.9142, 0.2548,
0.2344

■ 328.5854, 0.2847,
0.2807

■ 24.3679, 0.2472,
0.2233

■ 68.8996, 0.2658,
0.2509

■ 15.6068, 0.2374,
0.2095

■ 91.1076, 0.2699,
0.2572

■ 9.2463, 0.2244,
0.1917

■ 117.6382, 0.2734,
0.2626

■ 4.9022, 0.2065,
0.1683

■ 148.8759, 0.2763,
0.2672

■ 2.1900, 0.1808,
0.1367

■ 185.2051, 0.2788,
0.2712

■ 0.7145, 0.1423,
0.0926

■ 227.0101, 0.2811,

■ 0.0000, 0.0087,

0.2748

0.0000

274.6754, 0.2830,
0.2779

0.0000, 0.0000,
0.0000

35.9142, 0.2548,
0.2344

35.9142, 0.2548,
0.2344

27.0928, 0.2336,
0.1996

46.5538, 0.2748,
0.2671

19.9839, 0.2121,
0.1642

59.1009, 0.2929,
0.2967

14.4778, 0.1919,
0.1307

73.6439, 0.3090,
0.3230

10.4500, 0.1744,
0.1016

90.2646, 0.3231,
0.3459

7.7579, 0.1612,
0.0795

98.3807, 0.3286,
0.3552

■ 6.2306, 0.1533,
0.0659

■ 5.6739, 0.1502,
0.0607

Harmonies

Analogous

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



35.9142, 0.2173, 0.2374



35.9142, 0.2548, 0.2344



35.9142, 0.3113, 0.2518

Triad

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



35.9142, 0.2548, 0.2344



35.9142, 0.4353, 0.3768



35.9142, 0.2499, 0.3768

Complementary

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



35.9142, 0.2548, 0.2344



73.7025, 0.3620, 0.4088

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.



35.9142, 0.3045, 0.4275



35.9142, 0.2548, 0.2344



35.9142, 0.4130, 0.4187

Square

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



35.9142, 0.2548, 0.2344



35.9142, 0.4214, 0.3294



35.9142, 0.3643, 0.4412



35.9142, 0.2142, 0.3134

Rectangle

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



35.9142, 0.2548, 0.2344



35.9142, 0.3537, 0.2727



35.9142, 0.3643, 0.4412



35.9142, 0.2666, 0.3967

Sweetspot

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



35.9156, 0.2548, 0.2344



80.4855, 0.2970, 0.3034



67.8757, 0.2671, 0.3304



16.6859, 0.2946, 0.2995



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.



35.9156, 0.2548, 0.2344



38.3637, 0.2406, 0.2110



39.6014, 0.2833, 0.2402



13.9211, 0.2980, 0.3050



3.2917, 0.1503, 0.0610



0.2554, 0.1510, 0.0637

Inverse Universe

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



41.9482, 0.3866, 0.3279



47.3212, 0.4096, 0.3277



69.0426, 0.3348, 0.4176



14.3714, 0.3290, 0.3287



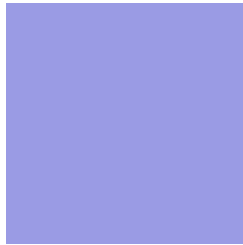
9.5300, 0.6384, 0.3291



0.7055, 0.6338, 0.3265

Previews

White Background



This preview shows how the Yxy color 35.9142, 0.2548, 0.2344 looks on a white background.

Color Contrast Check

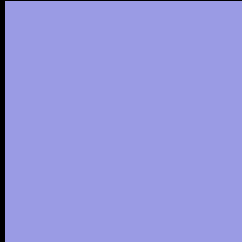
Large Text (above 18pt) WCAG AA × Fail

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 35.9142, 0.2548, 0.2344 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 35.9142, 0.2548, 0.2344

Background



This preview shows how black text looks on a background with the Yxy color 35.9142, 0.2548, 0.2344.



This preview shows how white text looks on a background with the Yxy color 35.9142, 0.2548, 0.2344.

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

35.9142, 0.2548, 0.2344

Protanopia

35.9691, 0.2425, 0.2338

Deuteranopia

36.0909, 0.2450, 0.2395



Tritanopia

35.9643, 0.2826, 0.3097

Trichromacy



Original Color

35.9142, 0.2548, 0.2344

Protanomaly

36.0962, 0.2469, 0.2345

Deuteranomaly

35.9291, 0.2487, 0.2377

Tritanomaly

35.6783, 0.2721, 0.2794

Monochromacy



Original Color

35.9142, 0.2548, 0.2344

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2031, 0.2898, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9142, 0.2548, 0.2344 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(154, 155, 228)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 228)  
}
```

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(154, 155, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 228) }
```

Border

The CSS property to change the border of an element to Yxy 35.9142, 0.2548, 0.2344 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(154, 155, 228) }
```

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

```
.border{ border-color:rgb(154, 155, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 228);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9142, 0.2548, 0.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 228) }
```

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

```
.background{ background-color: rgb(154,  
155, 228) }
```

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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