

Converting Colors

$Y_{xy}(35.2655, 0.2245, 0.2546)$

Have a look what the booklet for
Yxy(35.2655, 0.2245, 0.2546)
contains.

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Color

Yxy(35.3950, 0.2248, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	5CA8DB
RGB	92, 168, 219
RGB Percent	36%, 66%, 86%
CMY	0.6392, 0.3412, 0.1412
CMYK	0.58, 0.23, 0.00, 0.14
HSL	204°, 64%, 61%
HSV	204°, 58%, 86%
XYZ	31.2031, 35.3950, 72.2058
YIQ	151.0900, -61.6670, -0.2510

Conversions

Conversions Part 2

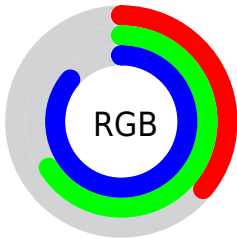
Format	Color
R_{YB}	92, 140, 219
Decimal	6072539
CIE _{Lab}	66.06, -8.76, -32.93
CIE _{LCh}	66, 34.080, 255.102
Yxy	35.3950, 0.2248, 0.2550
Android (android.graphics.Color)	4284262619 (0xFF5CA8DB)
YUV	151.0900, 33.4796, -51.8219
Hunter-Lab	59.4937, -10.4947, -30.3130

Details

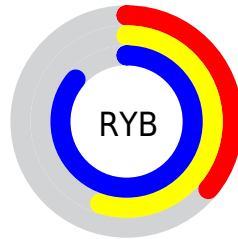
The Yxy color **35.3950, 0.2248, 0.2550** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **35.4829, 0.4489, 0.3888**, and the grayscale version is **30.8638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5747, 0.2506, 0.2917**, and **15.2903, 0.2001, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **31.2879, 0.2125, 0.2395**, and if you desaturate by 10%, it is **40.0503, 0.2386, 0.2700**.

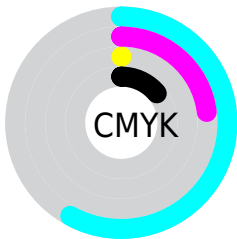
Distribution



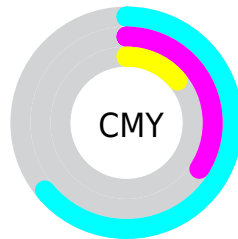
- Red (36%)
- Green (66%)
- Blue (86%)



- Red (36%)
- Yellow (55%)
- Blue (86%)



- Cyan (58%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (64%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3950, 0.2248, 0.2550 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 35.3950, 0.2248, 0.2550 by changing the saturation by 10% instead.

■ 35.3950, 0.2248,
0.2550

■ 35.3950, 0.2248,
0.2550

■ 326.3084, 0.2689,
0.2932

■ 23.9673, 0.2140,
0.2453

■ 68.0972, 0.2408,
0.2691

■ 15.3094, 0.2002,
0.2328

■ 90.1406, 0.2468,
0.2743

■ 9.0368, 0.1824,
0.2162

■ 116.4912, 0.2519,
0.2787

■ 4.7652, 0.1585,
0.1935

■ 147.5336, 0.2563,
0.2825

■ 2.1102, 0.1258,
0.1611

■ 183.6522, 0.2601,
0.2857

■ 0.6703, 0.0711,
0.1125

■ 225.2312, 0.2634,

■ 0.0000, 0.0000,

0.2885

0.0000

272.6552, 0.2663,
0.2910

■ 35.3950, 0.2248,
0.2550

■ 35.3950, 0.2248,
0.2550

■ 31.2879, 0.2125,
0.2395

■ 40.0503, 0.2386,
0.2700

■ 27.6919, 0.2020,
0.2238

■ 45.2796, 0.2535,
0.2843

■ 24.5698, 0.1936,
0.2083

■ 51.1112, 0.2690,
0.2976

■ 21.8685, 0.1873,
0.1932

■ 57.5703, 0.2848,
0.3098

■ 21.3595, 0.1862,
0.1902

■ 64.6801, 0.3004,
0.3209

■ 72.4626, 0.3158,
0.3309

■ 80.9386, 0.3306,
0.3398

■ 87.7368, 0.3362,
0.3483

■ 92.9948, 0.3350,
0.3567

Harmonies

Analogous

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



35.3950, 0.2188, 0.2844



35.3950, 0.2248, 0.2550



35.3950, 0.2520, 0.2461

Triad

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



35.3950, 0.2248, 0.2550



35.3950, 0.3956, 0.3187



35.3950, 0.3215, 0.4182

Complementary

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



35.3950, 0.2248, 0.2550



35.4829, 0.4489, 0.3888

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.



35.3950, 0.3712, 0.4214



35.3950, 0.2248, 0.2550



35.3950, 0.4167, 0.3598

Square

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



35.3950, 0.2248, 0.2550



35.3950, 0.3502, 0.2821



35.3950, 0.4068, 0.3977



35.3950, 0.2719, 0.3835

Rectangle

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



35.3950, 0.2248, 0.2550



35.3950, 0.2804, 0.2509



35.3950, 0.4068, 0.3977



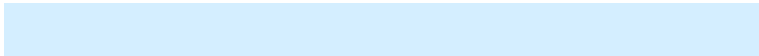
35.3950, 0.3388, 0.4229

Sweetspot

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



35.3963, 0.2248, 0.2550



82.0755, 0.2861, 0.3108



54.9175, 0.2791, 0.4418



17.1531, 0.2829, 0.3084



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.



35.3963, 0.2248, 0.2550



42.7723, 0.2095, 0.2354



17.4355, 0.2041, 0.1601



13.9065, 0.2982, 0.3194



12.8848, 0.1868, 0.1924



1.0019, 0.1936, 0.2170

Inverse Universe

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



25.5444, 0.3801, 0.2421



29.9299, 0.4023, 0.2296



60.1221, 0.4027, 0.4543



13.1817, 0.3199, 0.3151



9.9245, 0.4539, 0.2274



0.6598, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 35.3950, 0.2248, 0.2550 looks on a white background.

Color Contrast Check

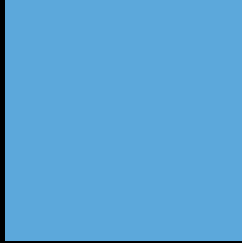
Large Text (above 18pt) WCAG AA × Fail

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 35.3950, 0.2248, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

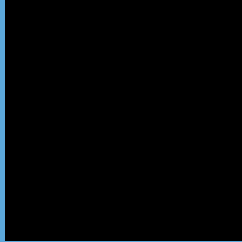
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

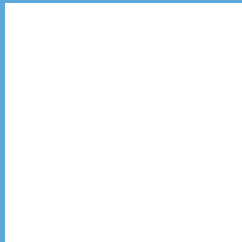
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3950, 0.2248, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 35.3950, 0.2248, 0.2550.

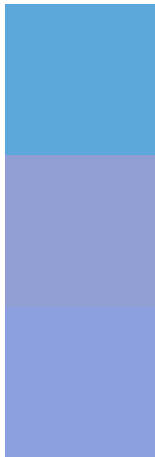


This preview shows how white text looks on a background with the Yxy color 35.3950, 0.2248, 0.2550.

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

35.3950, 0.2248, 0.2550

Protanopia

35.1766, 0.2596, 0.2561

Deuteranopia

35.1631, 0.2488, 0.2435



Tritanopia

35.5652, 0.2365, 0.3066

Trichromacy



Original Color

35.3950, 0.2248, 0.2550

Protanomaly

35.1313, 0.2450, 0.2557

Deuteranomaly

35.1455, 0.2390, 0.2480

Tritanomaly

35.5134, 0.2323, 0.2873

Monochromacy



Original Color

35.3950, 0.2248, 0.2550

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.9944, 0.2724, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3950, 0.2248, 0.2550 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(92, 168, 219)` looks like.

```
.text, #text, p{  
    color:rgb(92, 168, 219)  
}
```

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(92, 168, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 168, 219) }
```

Border

The CSS property to change the border of an element to Yxy 35.3950, 0.2248, 0.2550 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(92, 168, 219) }
```

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

```
.border{ border-color:rgb(92, 168, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 168, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 168, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 168, 219);  
box-shadow:4px 4px 4px 4px rgb(92, 168,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3950, 0.2248, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 168, 219) }
```

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

```
.background{ background-color: rgb(92, 168,  
219) }
```

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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