

Converting Colors

$Y_{xy}(35.2753, 0.2649, 0.2837)$

Have a look what the booklet for
Yxy(35.2753, 0.2649, 0.2837)
contains.

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Color

Yxy(35.3237, 0.2651, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	88A3C2
RGB	136, 163, 194
RGB Percent	53%, 64%, 76%
CMY	0.4668, 0.3607, 0.2392
CMYK	0.30, 0.16, 0.00, 0.24
HSL	212°, 32%, 65%
HSV	212°, 30%, 76%
XYZ	32.9845, 35.3237, 56.1148
YIQ	158.4610, -26.0430, 3.9170

Conversions

Conversions Part 2

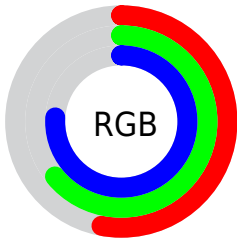
Format	Color
R _Y B	136, 154, 194
Decimal	8954818
CIE Lab	66.00, -2.08, -18.97
CIE LCh	66, 19.085, 263.740
Yxy	35.3237, 0.2651, 0.2839
Android (android.graphics.Color)	4287144898 (0xFF88A3C2)
YUV	158.4610, 17.5207, -19.6983
Hunter-Lab	59.4337, -4.9451, -14.3755

Details

The Yxy color **35.3237, 0.2651, 0.2839** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.8691, 0.3668, 0.3702**, and the grayscale version is **34.3388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0550, 0.2737, 0.2923**, and **15.1471, 0.2504, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **30.3155, 0.2486, 0.2658**, and if you desaturate by 10%, it is **40.9301, 0.2815, 0.3005**.

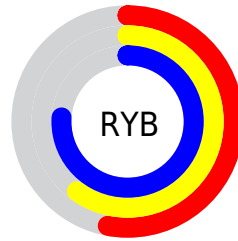
Distribution



Red (53%)

Green (64%)

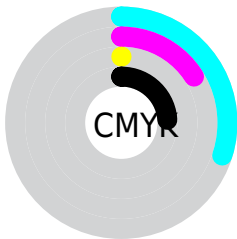
Blue (76%)



Red (53%)

Yellow (60%)

Blue (76%)

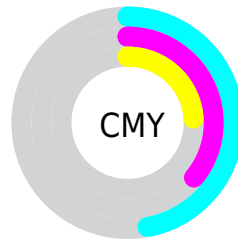


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3237, 0.2651, 0.2839 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 35.3237, 0.2651, 0.2839 by changing the saturation by 10% instead.

■ 35.3237, 0.2651,
0.2839

■ 35.3237, 0.2651,
0.2839

■ 325.9948, 0.2896,
0.3073

■ 23.9123, 0.2588,
0.2778

■ 67.9869, 0.2742,
0.2926

■ 15.2686, 0.2505,
0.2698

■ 90.0076, 0.2775,
0.2958

■ 9.0081, 0.2394,
0.2590

■ 116.3334, 0.2804,
0.2985

■ 4.7465, 0.2236,
0.2435

■ 147.3489, 0.2828,
0.3008

■ 2.0993, 0.1996,
0.2198

■ 183.4384, 0.2848,
0.3028

■ 0.6642, 0.1547,
0.1770

■ 224.9863, 0.2867,

■ 0.0000, 0.0000,

0.3045

0.0000

272.3770, 0.2882,
0.3060

■ 35.3237, 0.2651,
0.2839

■ 35.3237, 0.2651,
0.2839

■ 30.3155, 0.2486,
0.2658

■ 40.9301, 0.2815,
0.3005

■ 25.8782, 0.2323,
0.2464

■ 47.1522, 0.2975,
0.3156

■ 21.9884, 0.2170,
0.2261

■ 54.0117, 0.3129,
0.3291

■ 18.6190, 0.2030,
0.2053

■ 61.5280, 0.3274,
0.3411

■ 15.7400, 0.1910,
0.1847

■ 69.7195, 0.3409,
0.3517

■ 13.3169, 0.1814,
0.1648

■ 78.6041, 0.3536,
0.3610

■ 11.2907, 0.1740,
0.1462

■ 84.8773, 0.3532,
0.3708

■ 11.2731, 0.1739,
0.1460

■ 91.0017, 0.3509,
0.3806

■ 96.6748, 0.3490,
0.3890

Harmonies

Analogous

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



35.3237, 0.2576, 0.2988



35.3237, 0.2651, 0.2839



35.3237, 0.2849, 0.2810

Triad

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



35.3237, 0.2651, 0.2839



35.3237, 0.3638, 0.3312



35.3237, 0.3103, 0.3731

Complementary

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



35.3237, 0.2651, 0.2839



40.8691, 0.3668, 0.3702

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.



35.3237, 0.3393, 0.3813



35.3237, 0.2651, 0.2839



35.3237, 0.3710, 0.3552

Square

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



35.3237, 0.2651, 0.2839



35.3237, 0.3422, 0.3077



35.3237, 0.3618, 0.3740



35.3237, 0.2829, 0.3513

Rectangle

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



35.3237, 0.2651, 0.2839



35.3237, 0.3031, 0.2857



35.3237, 0.3618, 0.3740



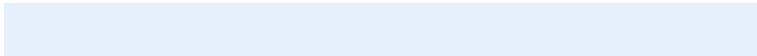
35.3237, 0.3202, 0.3776

Sweetspot

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



35.3251, 0.2651, 0.2839



86.3415, 0.2987, 0.3167



46.6006, 0.2876, 0.3681



18.5230, 0.2964, 0.3146



0.0000, 0.0000, 0.0000



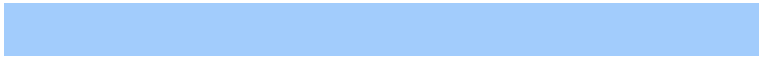
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3251, 0.2651, 0.2839



57.8377, 0.2541, 0.2720



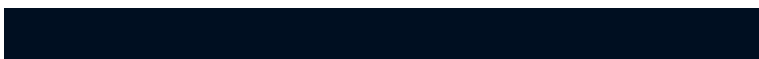
26.8925, 0.2623, 0.2432



10.5043, 0.2984, 0.3164



7.5732, 0.1746, 0.1484



0.4650, 0.1864, 0.1910

Inverse Universe

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



31.7153, 0.3482, 0.2932



50.8238, 0.3590, 0.2849



51.5725, 0.3556, 0.4032



10.1542, 0.3218, 0.3183



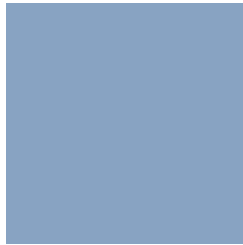
8.0467, 0.5080, 0.2572



0.3616, 0.4556, 0.2283

Previews

White Background



This preview shows how the Yxy color 35.3237, 0.2651, 0.2839 looks on a white background.

Color Contrast Check

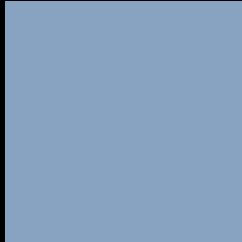
Large Text (above 18pt) WCAG AA × Fail

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 35.3237, 0.2651, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

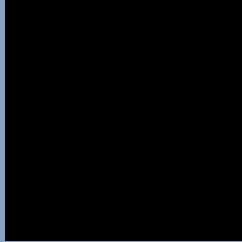
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

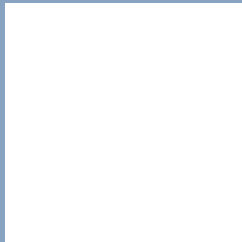
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3237, 0.2651, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 35.3237, 0.2651, 0.2839.



This preview shows how white text looks on a background with the Yxy color 35.3237, 0.2651, 0.2839.

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

35.3237, 0.2651, 0.2839

Protanopia

35.3302, 0.2806, 0.2837

Deuteranopia

35.3232, 0.2816, 0.2762



Tritanopia

35.5137, 0.2739, 0.3093

Trichromacy



Original Color

35.3237, 0.2651, 0.2839

Protanomaly

35.1504, 0.2749, 0.2832

Deuteranomaly

35.2204, 0.2750, 0.2781

Tritanomaly

35.4393, 0.2709, 0.3006

Monochromacy



Original Color

35.3237, 0.2651, 0.2839

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5659, 0.2940, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3237, 0.2651, 0.2839 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(136, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 163, 194)  
}
```

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(136, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.3237, 0.2651, 0.2839 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(136, 163, 194) }
```

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

```
.border{ border-color:rgb(136, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 163,  
194) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 35.3237, 0.2651, 0.2839$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 163, 194) }
```

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

```
.background{ background-color: rgb(136,  
163, 194) }
```

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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