

Converting Colors

$Yxy(35.8684, 0.2663, 0.2955)$

Have a look what the booklet for
Yxy(35.8684, 0.2663, 0.2955)
contains.

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Color

Yxy(35.8521, 0.2660, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	84A6BD
RGB	132, 166, 189
RGB Percent	52%, 65%, 74%
CMY	0.4826, 0.3489, 0.2589
CMYK	0.30, 0.12, 0.00, 0.26
HSL	204°, 30%, 63%
HSV	204°, 30%, 74%
XYZ	32.3277, 35.8521, 53.3528
YIQ	158.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

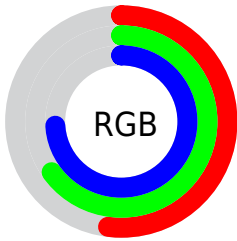
Format	Color
RYB	132, 153, 189
Decimal	8693437
CIELab	66.41, -6.18, -15.59
CIELCh	66, 16.775, 248.372
Yxy	35.8521, 0.2660, 0.2950
Android (android.graphics.Color)	4286883517 (0xFF84A6BD)
YUV	158.4560, 15.0582, -23.2019
Hunter-Lab	59.8766, -8.4111, -10.9164

Details

The Yxy color **35.8521, 0.2660, 0.2950** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.8896, 0.3702, 0.3606**, and the grayscale version is **34.3443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7446, 0.2749, 0.3019**, and **15.5177, 0.2510, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **31.7815, 0.2507, 0.2816**, and if you desaturate by 10%, it is **40.3651, 0.2816, 0.3074**.

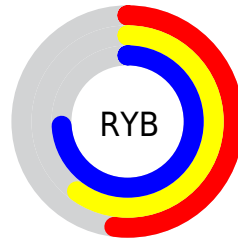
Distribution



Red (52%)

Green (65%)

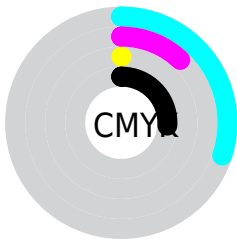
Blue (74%)



Red (52%)

Yellow (60%)

Blue (74%)

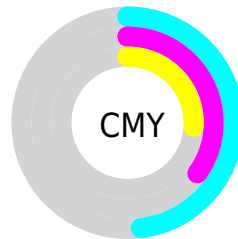


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8521, 0.2660, 0.2950 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 35.8521, 0.2660, 0.2950 by changing the saturation by 10% instead.

■ 35.8521, 0.2660,
0.2950

■ 35.8521, 0.2660,
0.2950

■ 328.3136, 0.2900,
0.3129

■ 24.3200, 0.2598,
0.2903

■ 68.8037, 0.2749,
0.3017

■ 15.5712, 0.2518,
0.2840

■ 90.9920, 0.2782,
0.3041

■ 9.2212, 0.2409,
0.2755

■ 117.5012, 0.2809,
0.3062

■ 4.8858, 0.2255,
0.2630

■ 148.7156, 0.2833,
0.3079

■ 2.1804, 0.2020,
0.2434

■ 185.0197, 0.2853,
0.3094

■ 0.7093, 0.1538,
0.2084

■ 226.7978, 0.2871,

■ 0.0000, 0.0000,

0.3107

0.0000

274.4343, 0.2886,
0.3119

■ 35.8521, 0.2660,
0.2950

■ 35.8521, 0.2660,
0.2950

■ 31.7815, 0.2507,
0.2816

■ 40.3651, 0.2816,
0.3074

■ 28.1313, 0.2361,
0.2673

■ 45.3327, 0.2971,
0.3186

■ 24.8838, 0.2226,
0.2523

■ 50.7720, 0.3124,
0.3288

■ 22.0178, 0.2106,
0.2369

■ 56.6976, 0.3272,
0.3379

■ 19.5096, 0.2005,
0.2213

■ 63.1235, 0.3414,
0.3460

■ 17.3316, 0.1925,
0.2059

■ 70.0630, 0.3549,
0.3531

■ 15.4653, 0.1865,
0.1912

■ 75.7379, 0.3605,
0.3601

■ 79.8049, 0.3586,
0.3676

■ 84.0556, 0.3568,
0.3749

Harmonies

Analogous

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



35.8521, 0.2657, 0.3130



35.8521, 0.2660, 0.2950



35.8521, 0.2782, 0.2868

Triad

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



35.8521, 0.2660, 0.2950



35.8521, 0.3490, 0.3201



35.8521, 0.3240, 0.3727

Complementary

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



35.8521, 0.2660, 0.2950



35.8896, 0.3702, 0.3606

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.



35.8521, 0.3472, 0.3730



35.8521, 0.2660, 0.2950



35.8521, 0.3622, 0.3417

Square

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



35.8521, 0.2660, 0.2950



35.8521, 0.3258, 0.3013



35.8521, 0.3615, 0.3611



35.8521, 0.2984, 0.3593

Rectangle

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



35.8521, 0.2660, 0.2950



35.8521, 0.2919, 0.2873



35.8521, 0.3615, 0.3611



35.8521, 0.3324, 0.3743

Sweetspot

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



35.8535, 0.2660, 0.2950



82.1831, 0.2988, 0.3198



43.6480, 0.2926, 0.3802



17.3803, 0.2965, 0.3182



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



35.8535, 0.2660, 0.2950



59.4770, 0.2562, 0.2866



26.6461, 0.2611, 0.2509



10.1476, 0.2984, 0.3195



10.5599, 0.1870, 0.1931



0.5387, 0.1970, 0.2292

Inverse Universe

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



30.0547, 0.3402, 0.2831



47.9993, 0.3479, 0.2732



46.4647, 0.3597, 0.3966



9.6295, 0.3197, 0.3154



8.0957, 0.4531, 0.2270



0.3297, 0.4135, 0.2051

Previews

White Background



This preview shows how the Yxy color 35.8521, 0.2660, 0.2950 looks on a white background.

Color Contrast Check

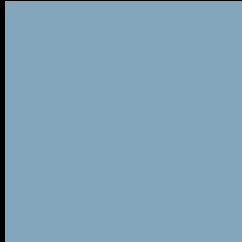
Large Text (above 18pt) WCAG AA × Fail

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 35.8521, 0.2660, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

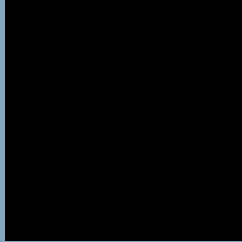
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

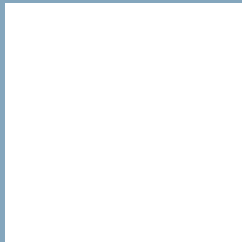
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8521, 0.2660, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 35.8521, 0.2660, 0.2950.



This preview shows how white text looks on a background with the Yxy color 35.8521, 0.2660, 0.2950.

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

35.8521, 0.2660, 0.2950

Protanopia

35.8125, 0.2888, 0.2935

Deuteranopia

35.5569, 0.2882, 0.2819



Tritanopia

35.7195, 0.2703, 0.3078

Trichromacy



Original Color

35.8521, 0.2660, 0.2950

Protanomaly

35.6817, 0.2804, 0.2943

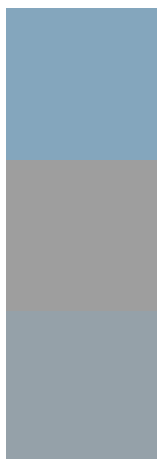
Deuteranomaly

35.4386, 0.2797, 0.2863

Tritanomaly

35.9234, 0.2689, 0.3035

Monochromacy



Original Color

35.8521, 0.2660, 0.2950

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7439, 0.2948, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8521, 0.2660, 0.2950 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(132, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 189)  
}
```

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(132, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 189) }
```

Border

The CSS property to change the border of an element to Yxy 35.8521, 0.2660, 0.2950 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(132, 166, 189) }
```

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

```
.border{ border-color:rgb(132, 166, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 189);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8521, 0.2660, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 189) }
```

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

```
.background{ background-color: rgb(132,  
166, 189) }
```

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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