

Converting Colors

$Y_{xy}(39.3839, 0.2658, 0.2919)$

Have a look what the booklet for
Yxy(39.3839, 0.2658, 0.2919)
contains.

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Color

Yxy(39.4996, 0.2656, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	8BADC7
RGB	139, 173, 199
RGB Percent	55%, 68%, 78%
CMY	0.4548, 0.3216, 0.2195
CMYK	0.30, 0.13, 0.00, 0.22
HSL	206°, 35%, 66%
HSV	206°, 30%, 78%
XYZ	35.9038, 39.4996, 59.7766
YIQ	165.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

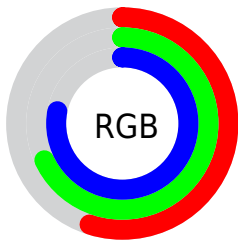
Format	Color
RYB	139, 161, 199
Decimal	9153991
CIELab	69.11, -5.42, -17.02
CIELCh	69, 17.863, 252.338
Yxy	39.4996, 0.2656, 0.2922
Android (android.graphics.Color)	4287344071 (0xFF8BADC7)
YUV	165.7980, 16.3686, -23.5018
Hunter-Lab	62.8487, -8.0129, -12.3978

Details

The Yxy color **39.4996, 0.2656, 0.2922** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.9358, 0.3697, 0.3630**, and the grayscale version is **37.9633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1761, 0.2749, 0.2996**, and **17.7453, 0.2520, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **34.7365, 0.2500, 0.2776**, and if you desaturate by 10%, it is **44.7916, 0.2814, 0.3056**.

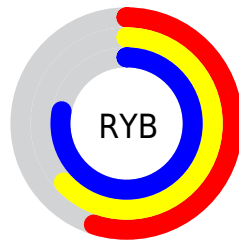
Distribution



Red (55%)

Green (68%)

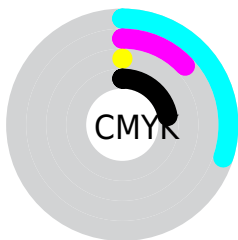
Blue (78%)



Red (55%)

Yellow (63%)

Blue (78%)

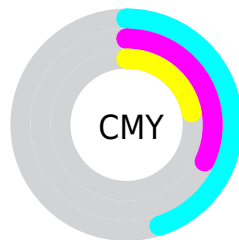


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (32%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4996, 0.2656, 0.2922 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 39.4996, 0.2656, 0.2922 by changing the saturation by 10% instead.


 39.4996, 0.2656,
0.2922

 39.4996, 0.2656,
0.2922

344.0099, 0.2894,
0.3112

 27.1486, 0.2596,
0.2873


 74.4009, 0.2743,
0.2992

 17.6849, 0.2519,
0.2809


 97.7200, 0.2776,
0.3018

 10.7240, 0.2415,
0.2723


 125.4640, 0.2803,
0.3040

 5.8815, 0.2271,
0.2601

158.0171, 0.2827,
0.3059

 2.7732, 0.2057,
0.2415

195.7639, 0.2847,
0.3075

 1.0145, 0.1712,
0.2101

239.0887, 0.2865,

 0.0000, 0.0000,

0.3089

0.0000

288.3759, 0.2880,
0.3101

■ 39.4996, 0.2656,
0.2922

■ 39.4996, 0.2656,
0.2922

■ 34.7365, 0.2500,
0.2776

■ 44.7916, 0.2814,
0.3056

■ 30.4767, 0.2350,
0.2621

■ 50.6274, 0.2972,
0.3178

■ 26.6991, 0.2210,
0.2457

■ 57.0269, 0.3125,
0.3288

■ 23.3787, 0.2086,
0.2290

■ 64.0075, 0.3273,
0.3387

■ 20.4877, 0.1980,
0.2121

■ 71.5859, 0.3413,
0.3474

■ 17.9937, 0.1896,
0.1955

■ 79.1210, 0.3521,
0.3552

■ 15.8680, 0.1833,
0.1797

■ 83.9011, 0.3503,
0.3637

■ 88.9205, 0.3485,
0.3720

■ 94.1824, 0.3468,
0.3800

Harmonies

Analogous

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



39.4996, 0.2636, 0.3095



39.4996, 0.2656, 0.2922



39.4996, 0.2797, 0.2852

Triad

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



39.4996, 0.2656, 0.2922



39.4996, 0.3526, 0.3227



39.4996, 0.3208, 0.3731

Complementary

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



39.4996, 0.2656, 0.2922



40.9358, 0.3697, 0.3630

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.



39.4996, 0.3455, 0.3751



39.4996, 0.2656, 0.2922



39.4996, 0.3645, 0.3449

Square

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



39.4996, 0.2656, 0.2922



39.4996, 0.3297, 0.3028



39.4996, 0.3618, 0.3642



39.4996, 0.2947, 0.3575

Rectangle

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



39.4996, 0.2656, 0.2922



39.4996, 0.2944, 0.2868



39.4996, 0.3618, 0.3642



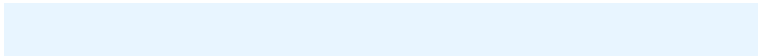
39.4996, 0.3296, 0.3753

Sweetspot

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



39.5012, 0.2656, 0.2922



89.7168, 0.2987, 0.3190



49.0644, 0.2913, 0.3774



18.8640, 0.2964, 0.3173



0.0000, 0.0000, 0.0000



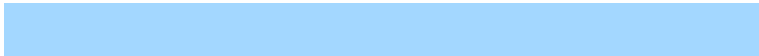
21.4041, 0.3127, 0.3290

Same Dimension

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



39.5012, 0.2656, 0.2922



63.7223, 0.2556, 0.2830



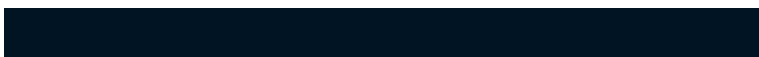
29.2662, 0.2606, 0.2478



11.2675, 0.2983, 0.3187



10.3781, 0.1839, 0.1819



0.6335, 0.1932, 0.2156

Inverse Universe

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



33.6331, 0.3422, 0.2853



52.4412, 0.3506, 0.2758



53.0491, 0.3591, 0.3990



10.7359, 0.3203, 0.3160



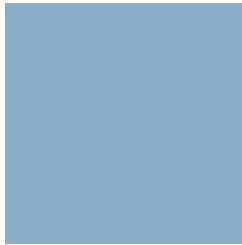
8.5877, 0.4663, 0.2342



0.4210, 0.4280, 0.2132

Previews

White Background



This preview shows how the Yxy color 39.4996, 0.2656, 0.2922 looks on a white background.

Color Contrast Check

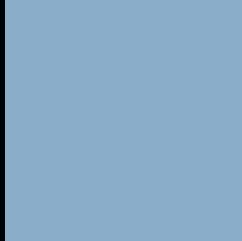
Large Text (above 18pt) WCAG AA × Fail

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 39.4996, 0.2656, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

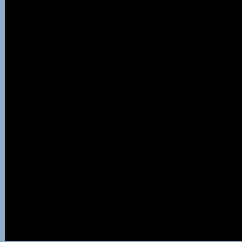
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

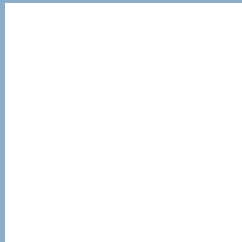
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4996, 0.2656, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 39.4996, 0.2656, 0.2922.



This preview shows how white text looks on a background with the Yxy color 39.4996, 0.2656, 0.2922.

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

39.4996, 0.2656, 0.2922

Protanopia

39.3641, 0.2865, 0.2909

Deuteranopia

39.2030, 0.2868, 0.2798



Tritanopia

39.6524, 0.2712, 0.3087

Trichromacy



Original Color

39.4996, 0.2656, 0.2922

Protanomaly

39.2315, 0.2786, 0.2916

Deuteranomaly

39.0767, 0.2787, 0.2840

Tritanomaly

39.5256, 0.2690, 0.3017

Monochromacy



Original Color

39.4996, 0.2656, 0.2922

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6582, 0.2939, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4996, 0.2656, 0.2922 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(139, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 173, 199)  
}
```

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(139, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 173, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.4996, 0.2656, 0.2922 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(139, 173, 199) }
```

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

```
.border{ border-color:rgb(139, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 173,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4996, 0.2656, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 173, 199) }
```

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

```
.background{ background-color: rgb(139,  
173, 199) }
```

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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