

Converting Colors

$Y_{xy}(39.7019, 0.2354, 0.2653)$

Have a look what the booklet for
Yxy(39.7019, 0.2354, 0.2653)
contains.

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Color

Yxy(39.7041, 0.2353, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	6FB0DE
RGB	111, 176, 222
RGB Percent	44%, 69%, 87%
CMY	0.5646, 0.3098, 0.1294
CMYK	0.50, 0.21, 0.00, 0.13
HSL	205°, 63%, 65%
HSV	205°, 50%, 87%
XYZ	35.2676, 39.7041, 74.9117
YIQ	161.8090, -53.5060, 0.5260

Conversions

Conversions Part 2

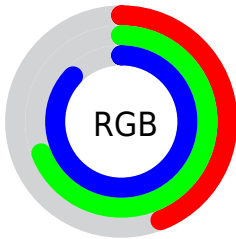
Format	Color
R _Y B	111, 152, 222
Decimal	7319774
CIE Lab	69.26, -8.20, -29.56
CIE LCh	69, 30.679, 254.499
Yxy	39.7041, 0.2353, 0.2649
Android (android.graphics.Color)	4285509854 (0xFF6FB0DE)
YUV	161.8090, 29.6742, -44.5595
Hunter-Lab	63.0112, -10.3626, -26.3799

Details

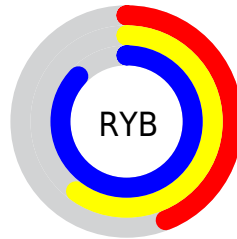
The Yxy color **39.7041, 0.2353, 0.2649** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.8009, 0.4234, 0.3835**, and the grayscale version is **35.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2581, 0.2608, 0.3030**, and **17.9091, 0.2140, 0.2465** is the 20% darker color. If you saturate the color by 10%, you get **34.9523, 0.2215, 0.2492**, and if you desaturate by 10%, it is **45.0613, 0.2502, 0.2798**.

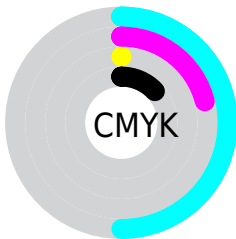
Distribution



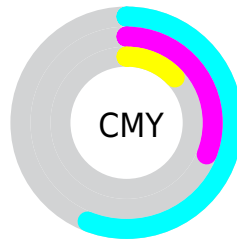
- Red (44%)
- Green (69%)
- Blue (87%)



- Red (44%)
- Yellow (60%)
- Blue (87%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7041, 0.2353, 0.2649 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 39.7041, 0.2353, 0.2649 by changing the saturation by 10% instead.

■ 39.7041, 0.2353,
0.2649

■ 39.7041, 0.2353,
0.2649

344.8748, 0.2737,
0.2976

■ 27.3079, 0.2259,
0.2567

■ 74.7127, 0.2491,
0.2768

■ 17.8046, 0.2141,
0.2462

■ 98.0939, 0.2544,
0.2813

■ 10.8098, 0.1988,
0.2323

■ 125.9056, 0.2588,
0.2851

■ 5.9391, 0.1782,
0.2132

158.5322, 0.2626,
0.2883

■ 2.8081, 0.1496,
0.1859

196.3580, 0.2659,
0.2911

■ 1.0324, 0.1086,
0.1449

239.7674, 0.2689,

■ 0.0000, 0.0000,

0.2935

0.0000

289.1449, 0.2714,
0.2957

■ 39.7041, 0.2353,
0.2649

■ 39.7041, 0.2353,
0.2649

■ 34.9523, 0.2215,
0.2492

■ 45.0613, 0.2502,
0.2798

■ 30.7698, 0.2093,
0.2331

■ 51.0484, 0.2657,
0.2938

■ 27.1220, 0.1991,
0.2169

■ 57.6936, 0.2815,
0.3067

■ 23.9675, 0.1910,
0.2009

■ 65.0217, 0.2973,
0.3184

■ 21.2361, 0.1849,
0.1855

■ 73.0560, 0.3127,
0.3290

■ 21.2332, 0.1849,
0.1855

■ 81.8188, 0.3276,
0.3384

■ 89.0991, 0.3340,
0.3472

■ 94.6680, 0.3328,
0.3561

■ 98.0540, 0.3321,
0.3611

Harmonies

Analogous

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



39.7041, 0.2305, 0.2915



39.7041, 0.2353, 0.2649



39.7041, 0.2591, 0.2562

Triad

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



39.7041, 0.2353, 0.2649



39.7041, 0.3838, 0.3198



39.7041, 0.3218, 0.4058

Complementary

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



39.7041, 0.2353, 0.2649



40.8009, 0.4234, 0.3835

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.



39.7041, 0.3648, 0.4089



39.7041, 0.2353, 0.2649



39.7041, 0.4026, 0.3561

Square

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



39.7041, 0.2353, 0.2649



39.7041, 0.3445, 0.2873



39.7041, 0.3950, 0.3890



39.7041, 0.2783, 0.3766

Rectangle

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



39.7041, 0.2353, 0.2649



39.7041, 0.2840, 0.2601



39.7041, 0.3950, 0.3890



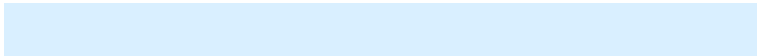
39.7041, 0.3369, 0.4098

Sweetspot

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



39.7056, 0.2353, 0.2649



83.7512, 0.2892, 0.3126



58.0045, 0.2820, 0.4234



17.4752, 0.2859, 0.3101



0.0000, 0.0000, 0.0000



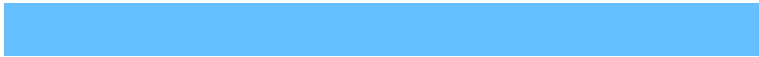
21.4041, 0.3127, 0.3290

Same Dimension

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



39.7056, 0.2353, 0.2649



47.5593, 0.2209, 0.2485



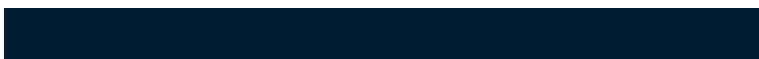
22.6045, 0.2201, 0.1862



14.5701, 0.2981, 0.3190



12.8362, 0.1855, 0.1877



1.0651, 0.1921, 0.2117

Inverse Universe

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



30.0387, 0.3691, 0.2540



34.5499, 0.3868, 0.2410



63.2183, 0.3914, 0.4397



13.8345, 0.3201, 0.3154



10.2039, 0.4594, 0.2304



0.7250, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 39.7041, 0.2353, 0.2649 looks on a white background.

Color Contrast Check

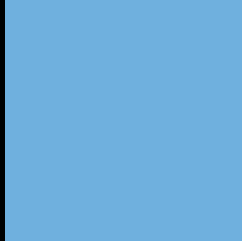
Large Text (above 18pt) WCAG AA × Fail

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 39.7041, 0.2353, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

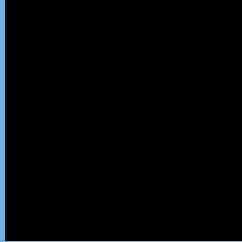
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

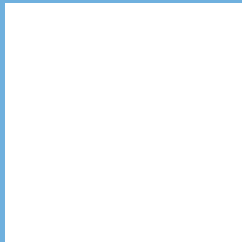
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7041, 0.2353, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 39.7041, 0.2353, 0.2649.



This preview shows how white text looks on a background with the Yxy color 39.7041, 0.2353, 0.2649.

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

39.7041, 0.2353, 0.2649

Protanopia

39.2467, 0.2665, 0.2640

Deuteranopia

39.5243, 0.2591, 0.2534



Tritanopia

39.8127, 0.2464, 0.3079

Trichromacy



Original Color

39.7041, 0.2353, 0.2649

Protanomaly

39.3869, 0.2537, 0.2640

Deuteranomaly

39.4804, 0.2494, 0.2579

Tritanomaly

39.6512, 0.2419, 0.2909

Monochromacy



Original Color

39.7041, 0.2353, 0.2649

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9378, 0.2783, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7041, 0.2353, 0.2649 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(111, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(111, 176, 222)  
}
```

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(111, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 176, 222) }
```

Border

The CSS property to change the border of an element to Yxy 39.7041, 0.2353, 0.2649 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(111, 176, 222) }
```

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

```
.border{ border-color:rgb(111, 176, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 176, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(111, 176,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7041, 0.2353, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 176, 222) }
```

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

```
.background{ background-color: rgb(111,  
176, 222) }
```

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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