

Converting Colors

$Yxy(39.9244, 0.2351, 0.2642)$

Have a look what the booklet for
Yxy(39.9244, 0.2351, 0.2642)
contains.

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Color

Yxy(39.7579, 0.2348, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	6FB0DF
RGB	111, 176, 223
RGB Percent	44%, 69%, 87%
CMY	0.5646, 0.3098, 0.1255
CMYK	0.50, 0.21, 0.00, 0.13
HSL	205°, 64%, 65%
HSV	205°, 50%, 87%
XYZ	35.4007, 39.7579, 75.6109
YIQ	161.9230, -53.8270, 0.8370

Conversions

Conversions Part 2

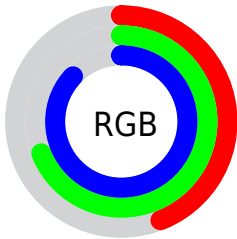
Format	Color
R_{YB}	111, 152, 223
Decimal	7319775
CIE _{Lab}	69.30, -7.91, -30.04
CIE _{LCh}	69, 31.069, 255.243
Yxy	39.7579, 0.2348, 0.2637
Android (android.graphics.Color)	4285509855 (0xFF6FB0DF)
YUV	161.9230, 30.1110, -44.6595
Hunter-Lab	63.0539, -10.1281, -26.9597

Details

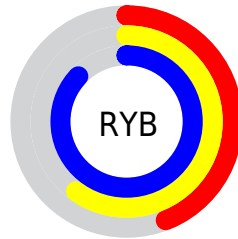
The Yxy color **39.7579, 0.2348, 0.2637** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.2922, 0.4238, 0.3843**, and the grayscale version is **35.9718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2581, 0.2608, 0.3030**, and **17.9463, 0.2135, 0.2449** is the 20% darker color. If you saturate the color by 10%, you get **34.9443, 0.2210, 0.2478**, and if you desaturate by 10%, it is **45.1885, 0.2497, 0.2789**.

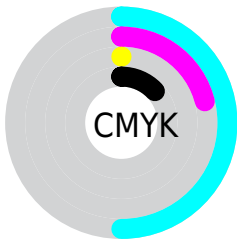
Distribution



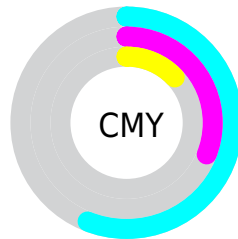
- Red (44%)
- Green (69%)
- Blue (87%)



- 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 39.7579, 0.2348, 0.2637 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 39.7579, 0.2348, 0.2637 by changing the saturation by 10% instead.


 39.7579, 0.2348,
0.2637


 39.7579, 0.2348,
0.2637


345.1021, 0.2734,
0.2969

 27.3498, 0.2254,
0.2554


 74.7947, 0.2487,
0.2758

 17.8361, 0.2135,
0.2447


 98.1922, 0.2540,
0.2804

 10.8324, 0.1981,
0.2306


 126.0217, 0.2584,
0.2842

 5.9543, 0.1775,
0.2114

158.6675, 0.2623,
0.2875

 2.8173, 0.1489,
0.1839

196.5141, 0.2656,
0.2903

 1.0371, 0.1081,
0.1428

239.9458, 0.2686,

 0.0000, 0.0000,

0.2928

0.0000

289.3470, 0.2711,
0.2950

■ 39.7579, 0.2348,
0.2637

■ 39.7579, 0.2348,
0.2637

■ 34.9443, 0.2210,
0.2478

■ 45.1885, 0.2497,
0.2789

■ 30.7108, 0.2088,
0.2315

■ 51.2611, 0.2653,
0.2931

■ 27.0223, 0.1985,
0.2150

■ 58.0043, 0.2812,
0.3061


■ 23.8364, 0.1904,
0.1989

■ 65.4436, 0.2969,
0.3181


■ 21.1351, 0.1843,
0.1836

■ 73.6028, 0.3124,
0.3288

 82.5042, 0.3273,
0.3384

 89.7985, 0.3332,
0.3473

 95.4974, 0.3321,
0.3563

 98.1071, 0.3316,
0.3602

Harmonies

Analogous

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



39.7579, 0.2294, 0.2901



39.7579, 0.2348, 0.2637



39.7579, 0.2593, 0.2554

Triad

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



39.7579, 0.2348, 0.2637



39.7579, 0.3854, 0.3205



39.7579, 0.3208, 0.4063

Complementary

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



39.7579, 0.2348, 0.2637



41.2922, 0.4238, 0.3843

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.



39.7579, 0.3644, 0.4102



39.7579, 0.2348, 0.2637



39.7579, 0.4039, 0.3573

Square

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



39.7579, 0.2348, 0.2637



39.7579, 0.3460, 0.2876



39.7579, 0.3955, 0.3904



39.7579, 0.2769, 0.3762

Rectangle

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



39.7579, 0.2348, 0.2637



39.7579, 0.2847, 0.2596



39.7579, 0.3955, 0.3904



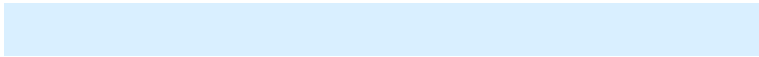
39.7579, 0.3360, 0.4107

Sweetspot

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



39.7594, 0.2348, 0.2637



83.6359, 0.2892, 0.3124



58.6075, 0.2809, 0.4212



17.4474, 0.2859, 0.3098



0.0000, 0.0000, 0.0000



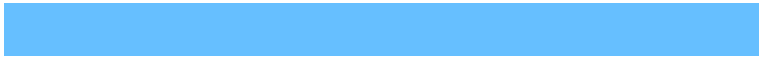
21.4041, 0.3127, 0.3290

Same Dimension

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



39.7594, 0.2348, 0.2637



47.2154, 0.2207, 0.2474



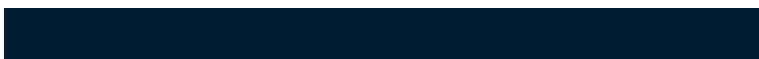
22.2270, 0.2191, 0.1829



14.5580, 0.2981, 0.3189



12.6570, 0.1850, 0.1859



1.0532, 0.1917, 0.2101

Inverse Universe

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



30.1952, 0.3702, 0.2543



34.5151, 0.3878, 0.2417



64.7543, 0.3907, 0.4419



13.8333, 0.3202, 0.3155



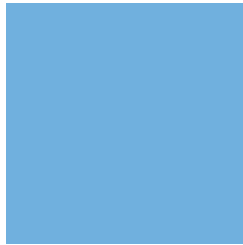
10.1858, 0.4615, 0.2316



0.7238, 0.4340, 0.2164

Previews

White Background



This preview shows how the Yxy color 39.7579, 0.2348, 0.2637 looks on a white background.

Color Contrast Check

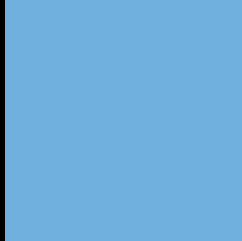
Large Text (above 18pt) WCAG AA × Fail

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 39.7579, 0.2348, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

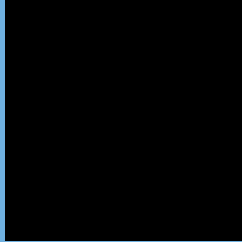
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

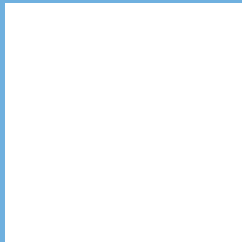
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7579, 0.2348, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 39.7579, 0.2348, 0.2637.



This preview shows how white text looks on a background with the Yxy color 39.7579, 0.2348, 0.2637.

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

39.7579, 0.2348, 0.2637

Protanopia

39.6632, 0.2660, 0.2642

Deuteranopia

39.4810, 0.2578, 0.2522



Tritanopia

39.8580, 0.2458, 0.3065

Trichromacy



Original Color

39.7579, 0.2348, 0.2637

Protanomaly

39.4394, 0.2531, 0.2629

Deuteranomaly

39.5345, 0.2488, 0.2568

Tritanomaly

39.6997, 0.2413, 0.2896

Monochromacy



Original Color

39.7579, 0.2348, 0.2637

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 39.7579, 0.2348, 0.2637 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(111, 176, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 176, 223) }
```

Border

The CSS property to change the border of an element to Yxy 39.7579, 0.2348, 0.2637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

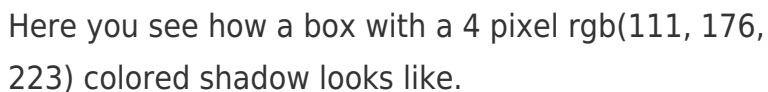
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 176, 223) }
```

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

```
.border{ border-color:rgb(111, 176, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 176, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 176, 223); box-shadow:4px 4px 4px 4px rgb(111, 176, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7579, 0.2348, 0.2637 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, 223) }
```

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

```
.background{ background-color: rgb(111,  
176, 223) }
```

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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