

Converting Colors

$Yxy(39.2963, 0.2394, 0.2511)$

Have a look what the booklet for
Yxy(39.2963, 0.2394, 0.2511)
contains.

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Color

Yxy(39.2950, 0.2394, 0.2511)

Conversions

Conversions Part 1

Format	Color
Hex	7FABE5
RGB	127, 171, 229
RGB Percent	50%, 67%, 90%
CMY	0.5017, 0.3294, 0.1020
CMYK	0.45, 0.25, 0.00, 0.10
HSL	214°, 66%, 70%
HSV	214°, 45%, 90%
XYZ	37.4641, 39.2950, 79.7324
YIQ	164.4560, -44.8420, 8.7100

Conversions

Conversions Part 2

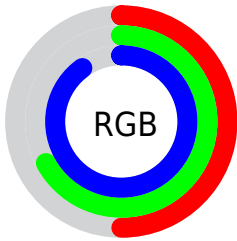
Format	Color
R _Y B	127, 158, 229
Decimal	8367077
CIE Lab	68.96, 0.38, -33.78
CIE LCh	69, 33.781, 270.639
Yxy	39.2950, 0.2394, 0.2511
Android (android.graphics.Color)	4286557157 (0xFF7FABE5)
YUV	164.4560, 31.8202, -32.8489
Hunter-Lab	62.6857, -3.0197, -31.5332

Details

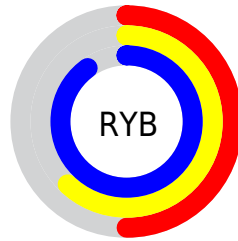
The Yxy color **39.2950, 0.2394, 0.2511** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **52.9169, 0.3996, 0.3951**, and the grayscale version is **37.2210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6800, 0.2682, 0.2968**, and **17.5504, 0.2193, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **33.0501, 0.2229, 0.2296**, and if you desaturate by 10%, it is **46.4277, 0.2564, 0.2714**.

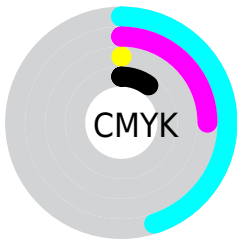
Distribution



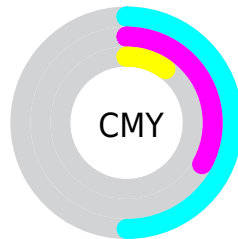
- Red (50%)
- Green (67%)
- Blue (90%)



- Red (50%)
- Yellow (62%)
- Blue (90%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2950, 0.2394, 0.2511 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 39.2950, 0.2394, 0.2511 by changing the saturation by 10% instead.

■ 39.2950, 0.2394,
0.2511

■ 39.2950, 0.2394,
0.2511

■ 343.1431, 0.2760,
0.2899

■ 26.9893, 0.2304,
0.2416

■ 74.0888, 0.2526,
0.2651

■ 17.5652, 0.2191,
0.2296

■ 97.3456, 0.2576,
0.2704

■ 10.6383, 0.2044,
0.2140

■ 125.0216, 0.2618,
0.2749

■ 5.8242, 0.1846,
0.1931

■ 157.5012, 0.2655,
0.2787

■ 2.7385, 0.1571,
0.1641

■ 195.1688, 0.2686,
0.2821

■ 0.9968, 0.1178,
0.1227

■ 238.4086, 0.2714,

■ 0.0000, 0.0000,

0.2850

0.0000

287.6053, 0.2738,
0.2876

■ 39.2950, 0.2394,
0.2511

■ 39.2950, 0.2394,
0.2511

■ 33.0501, 0.2229,
0.2296

■ 46.4277, 0.2564,
0.2714

■ 27.6473, 0.2076,
0.2074

■ 54.4822, 0.2734,
0.2902

■ 23.0425, 0.1940,
0.1851

■ 63.4955, 0.2900,
0.3073

■ 19.1846, 0.1827,
0.1635

■ 73.5013, 0.3058,
0.3226

■ 16.0137, 0.1741,
0.1434

■ 84.5313, 0.3208,
0.3363

■ 14.5207, 0.1703,
0.1332

■ 94.7771, 0.3286,
0.3487

■ 98.4367, 0.3280,
0.3542

Harmonies

Analogous

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



39.2950, 0.2228, 0.2693



39.2950, 0.2394, 0.2511



39.2950, 0.2751, 0.2522

Triad

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



39.2950, 0.2394, 0.2511



39.2950, 0.4060, 0.3397



39.2950, 0.2958, 0.4002

Complementary

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



39.2950, 0.2394, 0.2511



52.9169, 0.3996, 0.3951

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.



39.2950, 0.3451, 0.4196



39.2950, 0.2394, 0.2511



39.2950, 0.4110, 0.3787

Square

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



39.2950, 0.2394, 0.2511



39.2950, 0.3732, 0.3013



39.2950, 0.3878, 0.4093



39.2950, 0.2532, 0.3561

Rectangle

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



39.2950, 0.2394, 0.2511



39.2950, 0.3069, 0.2626



39.2950, 0.3878, 0.4093



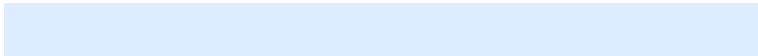
39.2950, 0.3121, 0.4100

Sweetspot

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



39.2965, 0.2394, 0.2511



82.7952, 0.2923, 0.3096



64.0468, 0.2753, 0.3874



17.1431, 0.2887, 0.3060



0.0000, 0.0000, 0.0000



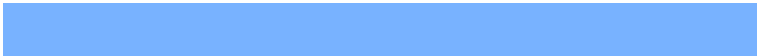
21.4041, 0.3127, 0.3290

Same Dimension

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



39.2965, 0.2394, 0.2511



43.0802, 0.2249, 0.2322



25.9096, 0.2338, 0.1920



14.9035, 0.2981, 0.3153



8.5317, 0.1711, 0.1360



0.8120, 0.1790, 0.1644

Inverse Universe

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



34.7926, 0.3787, 0.2788



37.8750, 0.3988, 0.2698



73.1291, 0.3735, 0.4402



14.4706, 0.3225, 0.3189



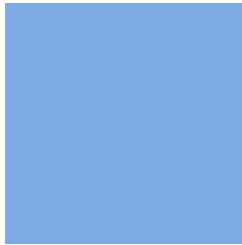
10.0590, 0.5245, 0.2663



0.7617, 0.4875, 0.2459

Previews

White Background



This preview shows how the Yxy color 39.2950, 0.2394, 0.2511 looks on a white background.

Color Contrast Check

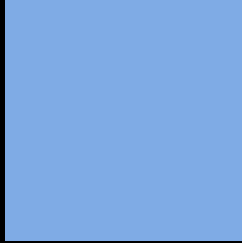
Large Text (above 18pt) WCAG AA × Fail

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 39.2950, 0.2394, 0.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

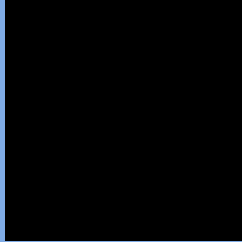
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

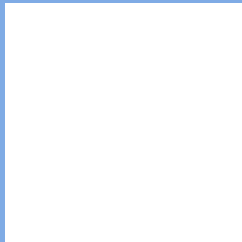
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2950, 0.2394, 0.2511

Background



This preview shows how black text looks on a background with the Yxy color 39.2950, 0.2394, 0.2511.



This preview shows how white text looks on a background with the Yxy color 39.2950, 0.2394, 0.2511.

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

39.2950, 0.2394, 0.2511

Protanopia

39.2880, 0.2564, 0.2519

Deuteranopia

39.2815, 0.2512, 0.2459



Tritanopia

39.4285, 0.2561, 0.3082

Trichromacy



Original Color

39.2950, 0.2394, 0.2511

Protanomaly

39.2470, 0.2499, 0.2522

Deuteranomaly

39.2939, 0.2463, 0.2475

Tritanomaly

39.1327, 0.2501, 0.2859

Monochromacy



Original Color

39.2950, 0.2394, 0.2511

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.8476, 0.2819, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2950, 0.2394, 0.2511 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(127, 171, 229)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 229)  
}
```

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(127, 171, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 229) }
```

Border

The CSS property to change the border of an element to Yxy 39.2950, 0.2394, 0.2511 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(127, 171, 229) }
```

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

```
.border{ border-color:rgb(127, 171, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 229);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2950, 0.2394, 0.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 229) }
```

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

```
.background{ background-color: rgb(127,  
171, 229) }
```

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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