

Converting Colors

$Yxy(39.5429, 0.2250, 0.2362)$

Have a look what the booklet for
Yxy(39.5429, 0.2250, 0.2362)
contains.

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Color

Yxy(39.4209, 0.2246, 0.2354)

Conversions

Conversions Part 1

Format	Color
Hex	70ACF3
RGB	112, 172, 243
RGB Percent	44%, 67%, 95%
CMY	0.5608, 0.3255, 0.0470
CMYK	0.54, 0.29, 0.00, 0.05
HSL	213°, 85%, 70%
HSV	213°, 54%, 95%
XYZ	37.6123, 39.4209, 90.4303
YIQ	162.1540, -58.5510, 9.3610

Conversions

Conversions Part 2

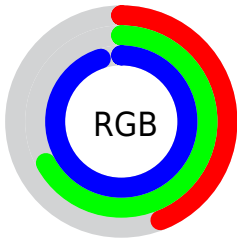
Format	Color
R _Y B	112, 153, 243
Decimal	7384307
CIE Lab	69.06, 0.47, -41.35
CIE LCh	69, 41.352, 270.650
Yxy	39.4209, 0.2246, 0.2354
Android (android.graphics.Color)	4285574387 (0xFF70ACF3)
YUV	162.1540, 39.8571, -43.9851
Hunter-Lab	62.7861, -2.9443, -41.4447

Details

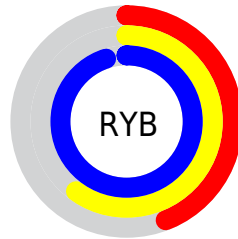
The Yxy color **39.4209, 0.2246, 0.2354** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **54.0939, 0.4250, 0.4046**, and the grayscale version is **36.0374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8161, 0.2617, 0.2974**, and **17.6065, 0.2015, 0.2112** is the 20% darker color. If you saturate the color by 10%, you get **33.2702, 0.2095, 0.2142**, and if you desaturate by 10%, it is **46.5013, 0.2408, 0.2559**.

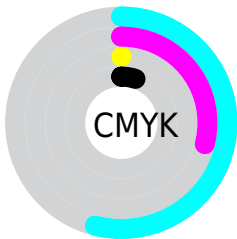
Distribution



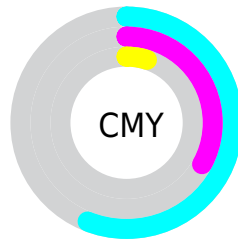
- Red (44%)
- Green (67%)
- Blue (95%)



- Red (44%)
- Yellow (60%)
- Blue (95%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4209, 0.2246, 0.2354 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 39.4209, 0.2246, 0.2354 by changing the saturation by 10% instead.

■ 39.4209, 0.2246,
0.2354

■ 39.4209, 0.2246,
0.2354

■ 343.6767, 0.2680,
0.2815

■ 27.0873, 0.2142,
0.2244

■ 74.2809, 0.2401,
0.2518

■ 17.6388, 0.2012,
0.2107

■ 97.5760, 0.2460,
0.2581

■ 10.6910, 0.1847,
0.1931

■ 125.2939, 0.2510,
0.2634

■ 5.8594, 0.1630,
0.1702

■ 157.8188, 0.2554,
0.2680

■ 2.7598, 0.1340,
0.1397

■ 195.5351, 0.2592,
0.2721

■ 1.0077, 0.0951,
0.0988

■ 238.8273, 0.2625,

■ 0.0000, 0.0000,

0.2756

0.0000

288.0796, 0.2654,
0.2787

■ 39.4209, 0.2246,
0.2354

■ 39.4209, 0.2246,
0.2354

■ 33.2702, 0.2095,
0.2142

■ 46.5013, 0.2408,
0.2559

■ 27.9952, 0.1962,
0.1928

■ 54.5525, 0.2576,
0.2752

■ 23.5411, 0.1851,
0.1720

■ 63.6178, 0.2744,
0.2930

■ 19.8419, 0.1766,
0.1523

■ 73.7362, 0.2909,
0.3092

■ 17.9081, 0.1725,
0.1411

■ 84.9445, 0.3067,
0.3237

96.7427, 0.3200,
0.3367

99.2519, 0.3197,
0.3405

Harmonies

Analogous

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



39.4209, 0.2051, 0.2560



39.4209, 0.2246, 0.2354



39.4209, 0.2668, 0.2374

Triad

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



39.4209, 0.2246, 0.2354



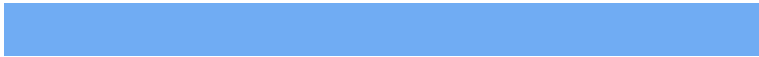
39.4209, 0.4271, 0.3403



39.4209, 0.2911, 0.4178

Complementary

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



39.4209, 0.2246, 0.2354



54.0939, 0.4250, 0.4046

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.



39.4209, 0.3507, 0.4407



39.4209, 0.2246, 0.2354



39.4209, 0.4322, 0.3870

Square

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



39.4209, 0.2246, 0.2354



39.4209, 0.3866, 0.2951



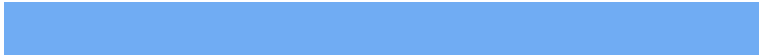
39.4209, 0.4029, 0.4255



39.4209, 0.2402, 0.3619

Rectangle

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



39.4209, 0.2246, 0.2354



39.4209, 0.3050, 0.2497



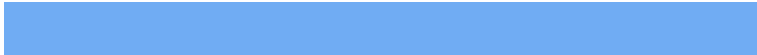
39.4209, 0.4029, 0.4255



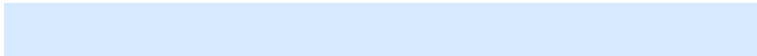
39.4209, 0.3108, 0.4300

Sweetspot

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



39.4223, 0.2246, 0.2354



79.7605, 0.2874, 0.3059



70.9252, 0.2719, 0.4088



16.5637, 0.2840, 0.3026



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.



39.4223, 0.2246, 0.2354



36.3275, 0.2077, 0.2115



21.7957, 0.2110, 0.1574



17.1773, 0.2980, 0.3158



10.0900, 0.1733, 0.1440



1.0898, 0.1799, 0.1677

Inverse Universe

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



33.6220, 0.3963, 0.2654



31.1692, 0.4240, 0.2559



83.5678, 0.3876, 0.4598



16.6088, 0.3222, 0.3182



11.1180, 0.5138, 0.2604



0.9976, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 39.4209, 0.2246, 0.2354 looks on a white background.

Color Contrast Check

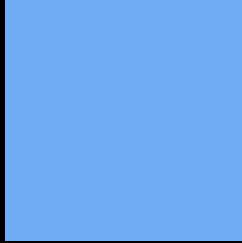
Large Text (above 18pt) WCAG AA × Fail

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 39.4209, 0.2246, 0.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

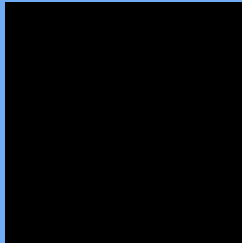
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

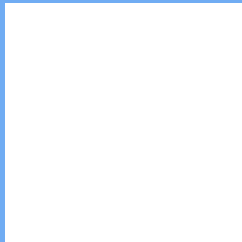
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4209, 0.2246, 0.2354

Background



This preview shows how black text looks on a background with the Yxy color 39.4209, 0.2246, 0.2354.



This preview shows how white text looks on a background with the Yxy color 39.4209, 0.2246, 0.2354.

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

39.4209, 0.2246, 0.2354

Protanopia

39.1031, 0.2444, 0.2356

Deuteranopia

39.4033, 0.2360, 0.2307



Tritanopia

39.4662, 0.2422, 0.3062

Trichromacy



Original Color

39.4209, 0.2246, 0.2354

Protanomaly

39.2831, 0.2365, 0.2357

Deuteranomaly

39.4196, 0.2312, 0.2321

Tritanomaly

39.4116, 0.2353, 0.2785

Monochromacy



Original Color

39.4209, 0.2246, 0.2354

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9633, 0.2739, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4209, 0.2246, 0.2354 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(112, 172, 243)` looks like.

```
.text, #text, p{  
    color:rgb(112, 172, 243)  
}
```

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(112, 172, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 172, 243) }
```

Border

The CSS property to change the border of an element to Yxy 39.4209, 0.2246, 0.2354 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(112, 172, 243) }
```

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

```
.border{ border-color:rgb(112, 172, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 172, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 172, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 172, 243);  
box-shadow:4px 4px 4px 4px rgb(112, 172,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4209, 0.2246, 0.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 172, 243) }
```

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

```
.background{ background-color: rgb(112,  
172, 243) }
```

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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