

Converting Colors

$Yxy(39.6207, 0.2231, 0.2307)$

Have a look what the booklet for
Yxy(39.6207, 0.2231, 0.2307)
contains.

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Color

Yxy(39.7312, 0.2233, 0.2314)

Conversions

Conversions Part 1

Format	Color
Hex	71ACF7
RGB	113, 172, 247
RGB Percent	44%, 67%, 97%
CMY	0.5572, 0.3254, 0.0314
CMYK	0.54, 0.30, 0.00, 0.03
HSL	214°, 89%, 71%
HSV	214°, 54%, 97%
XYZ	38.3404, 39.7312, 93.6276
YIQ	162.9090, -59.2390, 10.8170

Conversions

Conversions Part 2

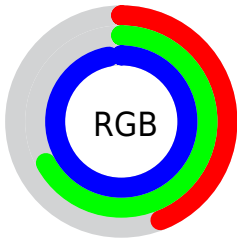
Format	Color
R _Y B	113, 154, 247
Decimal	7449847
CIE Lab	69.28, 1.86, -43.16
CIE LCh	69, 43.195, 272.472
Yxy	39.7312, 0.2233, 0.2314
Android (android.graphics.Color)	4285639927 (0xFF71ACF7)
YUV	162.9090, 41.4569, -43.7702
Hunter-Lab	63.0327, -1.7323, -43.9454

Details

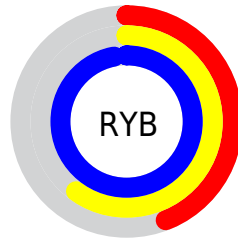
The Yxy color **39.7312, 0.2233, 0.2314** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **56.8767, 0.4246, 0.4074**, and the grayscale version is **36.3955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9288, 0.2622, 0.2974**, and **17.7790, 0.1998, 0.2061** is the 20% darker color. If you saturate the color by 10%, you get **33.3255, 0.2080, 0.2095**, and if you desaturate by 10%, it is **47.1316, 0.2397, 0.2526**.

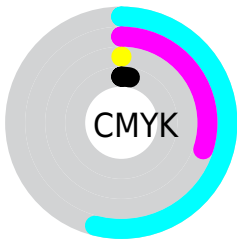
Distribution



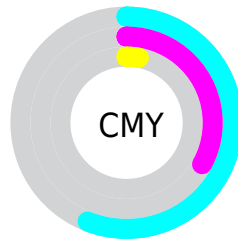
- Red (44%)
- Green (67%)
- Blue (97%)



- Red (44%)
- Yellow (60%)
- Blue (97%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)





- Cyan (56%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7312, 0.2233, 0.2314 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 39.7312, 0.2233, 0.2314 by changing the saturation by 10% instead.


 39.7312, 0.2233,
0.2314


 39.7312, 0.2233,
0.2314


344.9893, 0.2673,
0.2791

 27.3290, 0.2128,
0.2201


 74.7540, 0.2389,
0.2483

 17.8205, 0.1998,
0.2061


 98.1435, 0.2449,
0.2548

 10.8212, 0.1832,
0.1883


 125.9641, 0.2500,
0.2604

 5.9467, 0.1615,
0.1652

158.6004, 0.2544,
0.2651

 2.8127, 0.1328,
0.1347

196.4366, 0.2583,
0.2693

 1.0348, 0.0945,
0.0945

239.8573, 0.2616,

 0.0000, 0.0000,

0.2730

0.0000

289.2467, 0.2646,
0.2762

■ 39.7312, 0.2233,
0.2314

■ 39.7312, 0.2233,
0.2314

■ 33.3255, 0.2080,
0.2095

■ 47.1316, 0.2397,
0.2526

■ 27.8564, 0.1945,
0.1875

■ 55.5712, 0.2567,
0.2726

■ 23.2650, 0.1833,
0.1661

■ 65.0965, 0.2737,
0.2911

■ 19.4801, 0.1748,
0.1461

■ 75.7496, 0.2902,
0.3079

■ 17.6261, 0.1710,
0.1355

■ 87.5701, 0.3062,
0.3231

99.4182, 0.3174,
0.3366

99.4942, 0.3174,
0.3367

Harmonies

Analogous

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



39.7312, 0.2017, 0.2510



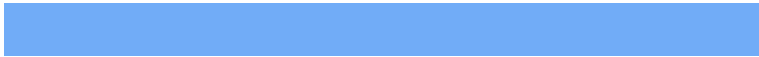
39.7312, 0.2233, 0.2314



39.7312, 0.2682, 0.2349

Triad

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



39.7312, 0.2233, 0.2314



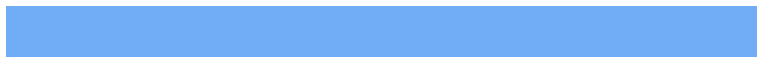
39.7312, 0.4333, 0.3433



39.7312, 0.2863, 0.4191

Complementary

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



39.7312, 0.2233, 0.2314



56.8767, 0.4246, 0.4074

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.



39.7312, 0.3482, 0.4454



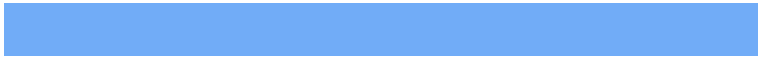
39.7312, 0.2233, 0.2314



39.7312, 0.4361, 0.3915

Square

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



39.7312, 0.2233, 0.2314



39.7312, 0.3930, 0.2964



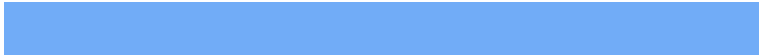
39.7312, 0.4035, 0.4310



39.7312, 0.2347, 0.3592

Rectangle

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



39.7312, 0.2233, 0.2314



39.7312, 0.3084, 0.2484



39.7312, 0.4035, 0.4310



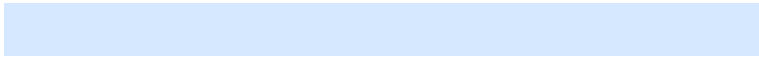
39.7312, 0.3066, 0.4326

Sweetspot

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



39.7326, 0.2233, 0.2314



79.3646, 0.2874, 0.3051



73.5884, 0.2706, 0.4065



16.4696, 0.2840, 0.3017



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.



39.7326, 0.2233, 0.2314



35.3099, 0.2068, 0.2076



22.4730, 0.2116, 0.1565



17.1290, 0.2980, 0.3154



9.5957, 0.1718, 0.1385



1.0446, 0.1785, 0.1626

Inverse Universe

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



34.5426, 0.4001, 0.2673



31.0665, 0.4279, 0.2587



86.2743, 0.3865, 0.4614



16.6039, 0.3224, 0.3186



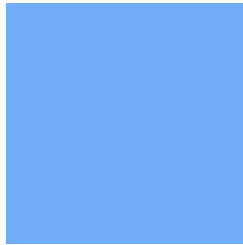
11.0681, 0.5210, 0.2644



0.9931, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 39.7312, 0.2233, 0.2314 looks on a white background.

Color Contrast Check

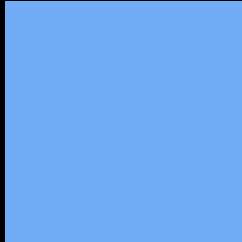
Large Text (above 18pt) WCAG AA × Fail

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 39.7312, 0.2233, 0.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

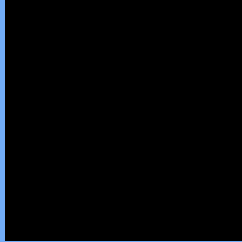
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

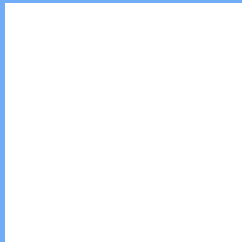
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7312, 0.2233, 0.2314

Background



This preview shows how black text looks on a background with the Yxy color 39.7312, 0.2233, 0.2314.



This preview shows how white text looks on a background with the Yxy color 39.7312, 0.2233, 0.2314.

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

39.7312, 0.2233, 0.2314

Protanopia

39.6125, 0.2418, 0.2327

Deuteranopia

39.4831, 0.2328, 0.2264



Tritanopia

39.8211, 0.2420, 0.3078

Trichromacy



Original Color

39.7312, 0.2233, 0.2314

Protanomaly

39.5235, 0.2344, 0.2316

Deuteranomaly

39.5889, 0.2288, 0.2279

Tritanomaly

39.5138, 0.2343, 0.2759

Monochromacy



Original Color

39.7312, 0.2233, 0.2314

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.1872, 0.2725, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7312, 0.2233, 0.2314 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(113, 172, 247)` looks like.

```
.text, #text, p{  
    color:rgb(113, 172, 247)  
}
```

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(113, 172, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 172, 247) }
```

Border

The CSS property to change the border of an element to Yxy 39.7312, 0.2233, 0.2314 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(113, 172, 247) }
```

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

```
.border{ border-color:rgb(113, 172, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 172, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 172, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 172, 247);  
box-shadow:4px 4px 4px 4px rgb(113, 172,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7312, 0.2233, 0.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 172, 247) }
```

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

```
.background{ background-color: rgb(113,  
172, 247) }
```

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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