

Converting Colors

$Y_{xy}(43.2931, 0.2165, 0.2398)$

Have a look what the booklet for
Yxy(43.2931, 0.2165, 0.2398)
contains.

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Color

Yxy(43.2749, 0.2164, 0.2394)

Conversions

Conversions Part 1

Format	Color
Hex	5EB7FC
RGB	94, 183, 252
RGB Percent	37%, 72%, 99%
CMY	0.6314, 0.2823, 0.0118
CMYK	0.63, 0.27, 0.00, 0.01
HSL	206°, 96%, 68%
HSV	206°, 63%, 99%
XYZ	39.1173, 43.2749, 98.3718
YIQ	164.2550, -75.1930, 2.5910

Conversions

Conversions Part 2

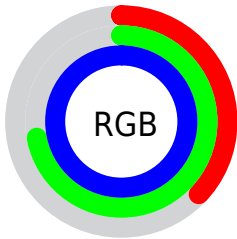
Format	Color
R _Y B	94, 151, 252
Decimal	6207484
CIE Lab	71.74, -6.28, -42.07
CIE LCh	72, 42.533, 261.514
Yxy	43.2749, 0.2164, 0.2394
Android (android.graphics.Color)	4284397564 (0xFF5EB7FC)
YUV	164.2550, 43.2583, -61.6136
Hunter-Lab	65.7837, -8.9789, -42.6127

Details

The Yxy color **43.2749, 0.2164, 0.2394** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **47.6867, 0.4611, 0.3980**, and the grayscale version is **37.0697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1211, 0.2565, 0.3108**, and **19.9054, 0.1933, 0.2157** is the 20% darker color. If you saturate the color by 10%, you get **37.7919, 0.2044, 0.2222**, and if you desaturate by 10%, it is **49.5503, 0.2301, 0.2563**.

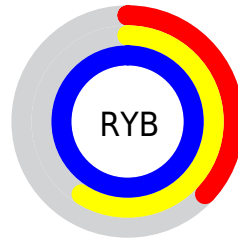
Distribution



Red (37%)

Green (72%)

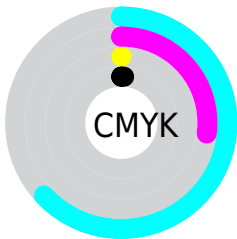
Blue (99%)



Red (37%)

Yellow (59%)

Blue (99%)

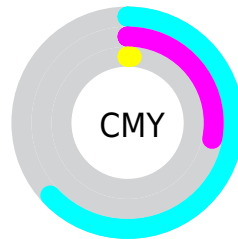


Cyan (63%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (63%)

Magenta (28%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2749, 0.2164, 0.2394 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 43.2749, 0.2164, 0.2394 by changing the saturation by 10% instead.

■ 43.2749, 0.2164,
0.2394

■ 43.2749, 0.2164,
0.2394

■ 359.7411, 0.2628,
0.2834

■ 30.1009, 0.2056,
0.2290

■ 80.1255, 0.2327,
0.2550

■ 19.9152, 0.1923,
0.2160

■ 104.5709, 0.2390,
0.2610

■ 12.3334, 0.1755,
0.1994

■ 133.5422, 0.2444,
0.2661

■ 6.9712, 0.1540,
0.1778

■ 167.4238, 0.2490,
0.2705

■ 3.4441, 0.1260,
0.1492

■ 206.6001, 0.2531,
0.2744

■ 1.3677, 0.0895,
0.1106

■ 251.4555, 0.2567,

■ 0.1928, 0.0055,

0.2777

0.0354

302.3743, 0.2599,
0.2807

0.0000, 0.0000,
0.0000

43.2749, 0.2164,
0.2394

43.2749, 0.2164,
0.2394

37.7919, 0.2044,
0.2222

49.5503, 0.2301,
0.2563

33.0445, 0.1944,
0.2050

56.6596, 0.2451,
0.2724

28.9726, 0.1867,
0.1883

64.6459, 0.2608,
0.2877

26.3627, 0.1824,
0.1765

73.5474, 0.2769,
0.3017

83.3996, 0.2929,
0.3145

■ 94.2359, 0.3086,
0.3261

99.8072, 0.3145,
0.3319

Harmonies

Analogous

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



43.2749, 0.2043, 0.2672



43.2749, 0.2164, 0.2394



43.2749, 0.2519, 0.2348

Triad

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



43.2749, 0.2164, 0.2394



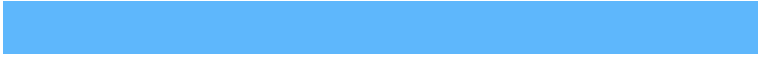
43.2749, 0.4178, 0.3261



43.2749, 0.3091, 0.4288

Complementary

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



43.2749, 0.2164, 0.2394



47.6867, 0.4611, 0.3980

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.



43.2749, 0.3680, 0.4394



43.2749, 0.2164, 0.2394



43.2749, 0.4343, 0.3730

Square

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



43.2749, 0.2164, 0.2394



43.2749, 0.3690, 0.2829



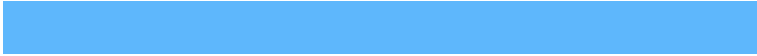
43.2749, 0.4147, 0.4152



43.2749, 0.2541, 0.3808

Rectangle

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



43.2749, 0.2164, 0.2394



43.2749, 0.2869, 0.2433



43.2749, 0.4147, 0.4152



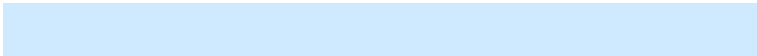
43.2749, 0.3291, 0.4368

Sweetspot

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



43.2764, 0.2164, 0.2394



79.1788, 0.2828, 0.3066



74.6149, 0.2754, 0.4469



16.3441, 0.2782, 0.3028



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.



43.2764, 0.2164, 0.2394



37.6161, 0.2018, 0.2181



19.4150, 0.1928, 0.1377



18.2657, 0.2980, 0.3184



14.0335, 0.1831, 0.1792



1.5107, 0.1885, 0.1987

Inverse Universe

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



32.1169, 0.3961, 0.2414



27.8580, 0.4211, 0.2325



84.6783, 0.4064, 0.4666



17.3890, 0.3205, 0.3157



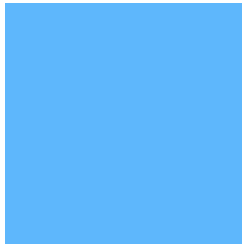
11.8276, 0.4695, 0.2360



1.1167, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 43.2749, 0.2164, 0.2394 looks on a white background.

Color Contrast Check

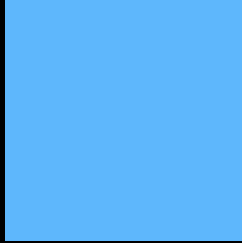
Large Text (above 18pt) WCAG AA × Fail

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 43.2749, 0.2164, 0.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

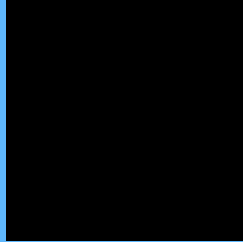
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

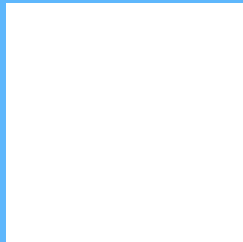
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2749, 0.2164, 0.2394

Background



This preview shows how black text looks on a background with the Yxy color 43.2749, 0.2164, 0.2394.



This preview shows how white text looks on a background with the Yxy color 43.2749, 0.2164, 0.2394.

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

43.2749, 0.2164, 0.2394

Protanopia

42.7484, 0.2482, 0.2408

Deuteranopia

42.7937, 0.2359, 0.2295



Tritanopia

43.1443, 0.2304, 0.3052

Trichromacy



Original Color

43.2749, 0.2164, 0.2394

Protanomaly

42.6100, 0.2348, 0.2401

Deuteranomaly

42.8961, 0.2280, 0.2334

Tritanomaly

42.9996, 0.2249, 0.2794

Monochromacy



Original Color

43.2749, 0.2164, 0.2394

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.6003, 0.2673, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2749, 0.2164, 0.2394 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(94, 183, 252)` looks like.

```
.text, #text, p{  
    color:rgb(94, 183, 252)  
}
```

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(94, 183, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 183, 252) }
```

Border

The CSS property to change the border of an element to Yxy 43.2749, 0.2164, 0.2394 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(94, 183, 252) }
```

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

```
.border{ border-color:rgb(94, 183, 252) }
```

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

Here you see how a box with a 4 pixel rgb(94, 183, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 183, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 183, 252);  
box-shadow:4px 4px 4px 4px rgb(94, 183,  
252) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.2749, 0.2164, 0.2394$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 183, 252) }
```

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

```
.background{ background-color: rgb(94, 183,  
252) }
```

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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