

Converting Colors

$Y_{xy}(43.7248, 0.2138, 0.2337)$

Have a look what the booklet for
Yxy(43.7248, 0.2138, 0.2337)
contains.

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Color

Yxy(43.4141, 0.2149, 0.2362)

Conversions

Conversions Part 1

Format	Color
Hex	5DB7FF
RGB	93, 183, 255
RGB Percent	36%, 72%, 100%
CMY	0.6351, 0.2824, 0.0001
CMYK	0.64, 0.28, 0.00, 0.00
HSL	207°, 100%, 68%
HSV	207°, 64%, 100%
XYZ	39.4991, 43.4141, 100.8891
YIQ	164.2980, -76.7520, 3.3120

Conversions

Conversions Part 2

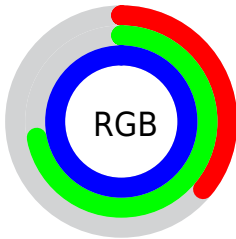
Format	Color
R _Y B	93, 151, 255
Decimal	6141951
CIE Lab	71.84, -5.48, -43.54
CIE LCh	72, 43.884, 262.832
Yxy	43.4141, 0.2149, 0.2362
Android (android.graphics.Color)	4284332031 (0xFF5DB7FF)
YUV	164.2980, 44.7161, -62.5283
Hunter-Lab	65.8894, -8.2999, -44.6616

Details

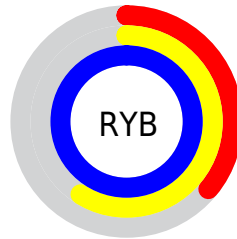
The Yxy color **43.4141, 0.2149, 0.2362** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **48.9742, 0.4627, 0.3998**, and the grayscale version is **37.0916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0209, 0.2560, 0.3108**, and **20.0425, 0.1922, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **37.8091, 0.2029, 0.2186**, and if you desaturate by 10%, it is **49.8421, 0.2286, 0.2535**.

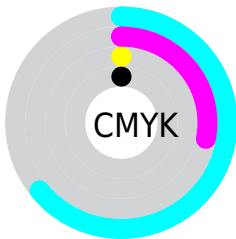
Distribution



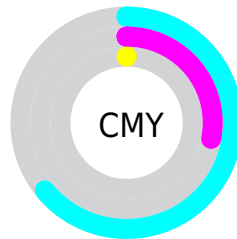
- Red (36%)
- Green (72%)
- Blue (100%)



- Red (36%)
- Yellow (59%)
- Blue (100%)



- Cyan (64%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4141, 0.2149, 0.2362 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 43.4141, 0.2149, 0.2362 by changing the saturation by 10% instead.

43.4141, 0.2149,
0.2362

43.4141, 0.2149,
0.2362

360.3120, 0.2619,
0.2815

30.2102, 0.2040,
0.2255

80.3354, 0.2314,
0.2523

19.9982, 0.1906,
0.2122

104.8215, 0.2378,
0.2584

12.3937, 0.1737,
0.1954

133.8372, 0.2432,
0.2637

7.0124, 0.1522,
0.1736

167.7667, 0.2480,
0.2682

3.4699, 0.1242,
0.1448

206.9946, 0.2521,
0.2722

1.3817, 0.0881,
0.1066

251.9052, 0.2558,

0.2032, 0.0102,

0.2757

0.0348

302.8828, 0.2590,
0.2788

■ 0.0000, 0.0000,
0.0000

■ 43.4141, 0.2149,
0.2362

■ 43.4141, 0.2149,
0.2362

■ 37.8091, 0.2029,
0.2186

■ 49.8421, 0.2286,
0.2535

■ 32.9679, 0.1930,
0.2012

■ 57.1370, 0.2436,
0.2700

■ 28.8265, 0.1854,
0.1842

■ 65.3437, 0.2594,
0.2856

■ 26.4540, 0.1816,
0.1736

■ 74.5024, 0.2755,
0.3001

■ 84.6502, 0.2916,
0.3133

95.8221, 0.3073,
0.3251

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



43.4141, 0.2014, 0.2635



43.4141, 0.2149, 0.2362



43.4141, 0.2523, 0.2326

Triad

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



43.4141, 0.2149, 0.2362



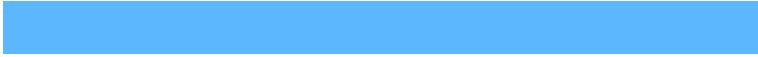
43.4141, 0.4225, 0.3279



43.4141, 0.3061, 0.4307

Complementary

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



43.4141, 0.2149, 0.2362



48.9742, 0.4627, 0.3998

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.



43.4141, 0.3669, 0.4431



43.4141, 0.2149, 0.2362



43.4141, 0.4378, 0.3760

Square

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



43.4141, 0.2149, 0.2362



43.4141, 0.3734, 0.2834



43.4141, 0.4159, 0.4191



43.4141, 0.2501, 0.3797

Rectangle

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



43.4141, 0.2149, 0.2362



43.4141, 0.2886, 0.2419



43.4141, 0.4159, 0.4191



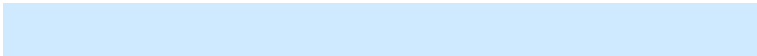
43.4141, 0.3266, 0.4396

Sweetspot

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



43.4156, 0.2149, 0.2362



78.9599, 0.2828, 0.3062



76.4910, 0.2752, 0.4488



16.2912, 0.2782, 0.3023



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.



43.4156, 0.2149, 0.2362



36.5366, 0.2002, 0.2142



19.4210, 0.1912, 0.1350



19.0511, 0.2979, 0.3182



14.1278, 0.1823, 0.1763



1.5936, 0.1876, 0.1952

Inverse Universe

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



32.5149, 0.3994, 0.2418



27.4776, 0.4255, 0.2335



86.8617, 0.4074, 0.4679



18.1560, 0.3207, 0.3159



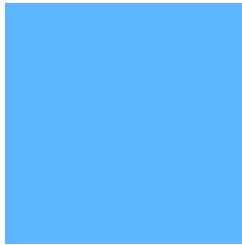
12.1542, 0.4730, 0.2379



1.2054, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 43.4141, 0.2149, 0.2362 looks on a white background.

Color Contrast Check

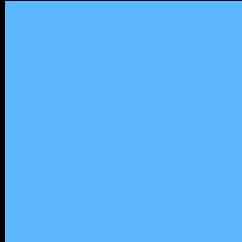
Large Text (above 18pt) WCAG AA × Fail

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 43.4141, 0.2149, 0.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

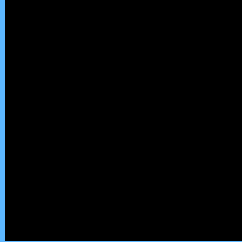
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

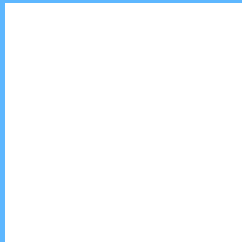
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4141, 0.2149, 0.2362

Background



This preview shows how black text looks on a background with the Yxy color 43.4141, 0.2149, 0.2362.

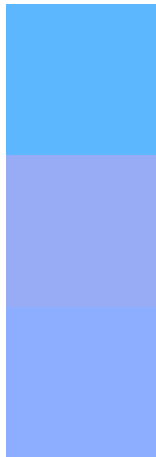


This preview shows how white text looks on a background with the Yxy color 43.4141, 0.2149, 0.2362.

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

43.4141, 0.2149, 0.2362

Protanopia

42.8343, 0.2459, 0.2376

Deuteranopia

43.1548, 0.2350, 0.2296



Tritanopia

43.5185, 0.2293, 0.3053

Trichromacy



Original Color

43.4141, 0.2149, 0.2362

Protanomaly

42.7155, 0.2328, 0.2368

Deuteranomaly

42.9494, 0.2266, 0.2313

Tritanomaly

43.4511, 0.2237, 0.2782

Monochromacy



Original Color

43.4141, 0.2149, 0.2362

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.5603, 0.2659, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4141, 0.2149, 0.2362 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(93, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 183, 255)  
}
```

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(93, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.4141, 0.2149, 0.2362 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(93, 183, 255) }
```

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

```
.border{ border-color:rgb(93, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4141, 0.2149, 0.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 183, 255) }
```

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

```
.background{ background-color: rgb(93, 183,  
255) }
```

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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