

Converting Colors

$Yxy(43.0107, 0.2078, 0.2367)$

Have a look what the booklet for
Yxy(43.0107, 0.2078, 0.2367)
contains.

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Color

Yxy(43.1831, 0.2080, 0.2373)

Conversions

Conversions Part 1

Format	Color
Hex	45B9FF
RGB	69, 185, 255
RGB Percent	27%, 73%, 100%
CMY	0.7294, 0.2745, 0.0000
CMYK	0.73, 0.27, 0.00, 0.00
HSL	203°, 100%, 64%
HSV	203°, 73%, 100%
XYZ	37.8512, 43.1831, 100.9425
YIQ	158.2960, -91.6060, -2.8220

Conversions

Conversions Part 2

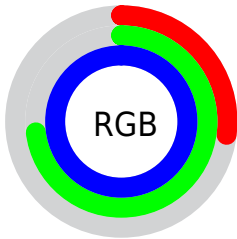
Format	Color
R _{YB}	69, 140, 255
Decimal	4569599
CIE _{Lab}	71.68, -10.07, -43.84
CIE _{LCh}	72, 44.985, 257.070
Y _{xy}	43.1831, 0.2080, 0.2373
Android (android.graphics.Color)	4282759679 (0xFF45B9FF)
Y _{UV}	158.2960, 47.6751, -78.3126
Hunter-Lab	65.7138, -12.1832, -45.0752

Details

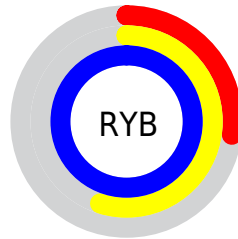
The Yxy color **43.1831, 0.2080, 0.2373** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **40.1481, 0.5036, 0.3923**, and the grayscale version is **34.1436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6196, 0.2488, 0.3127**, and **20.5797, 0.1932, 0.2156** is the 20% darker color. If you saturate the color by 10%, you get **38.5638, 0.1990, 0.2226**, and if you desaturate by 10%, it is **48.4765, 0.2191, 0.2520**.

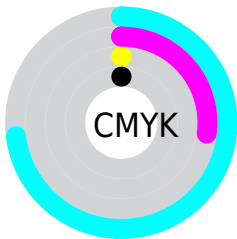
Distribution



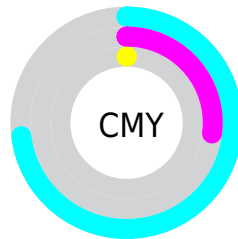
- Red (27%)
- Green (73%)
- Blue (100%)



- Red (27%)
- Yellow (55%)
- Blue (100%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (73%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1831, 0.2080, 0.2373 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 43.1831, 0.2080, 0.2373 by changing the saturation by 10% instead.

 43.1831, 0.2080,
0.2373


 43.1831, 0.2080,
0.2373


359.3642, 0.2581,
0.2825

 30.0288, 0.1965,
0.2266


 79.9871, 0.2255,
0.2534


 19.8605, 0.1824,
0.2132


 104.4056, 0.2323,
0.2595

 12.2936, 0.1647,
0.1962


 133.3476, 0.2381,
0.2648

 6.9440, 0.1424,
0.1741

 167.1975, 0.2432,
0.2693

 3.4271, 0.1137,
0.1449

206.3397, 0.2476,
0.2732

 1.3586, 0.0774,
0.1061

251.1587, 0.2515,

 0.1859, 0.0000,

0.2767

0.0322

302.0387, 0.2550,
0.2798

■ 0.0000, 0.0000,
0.0000

■ 43.1831, 0.2080,
0.2373

■ 43.1831, 0.2080,
0.2373

■ 38.5638, 0.1990,
0.2226

■ 48.4765, 0.2191,
0.2520

■ 34.5535, 0.1921,
0.2081

■ 54.4904, 0.2319,
0.2664

■ 32.0315, 0.1884,
0.1981

■ 61.2708, 0.2461,
0.2802

■ 68.8575, 0.2612,
0.2932

■ 77.2873, 0.2768,
0.3053

■ 86.5942, 0.2925,
0.3163

■ 96.8099, 0.3082,
0.3263

■ 99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



43.1831, 0.1991, 0.2699



43.1831, 0.2080, 0.2373



43.1831, 0.2416, 0.2293

Triad

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



43.1831, 0.2080, 0.2373



43.1831, 0.4181, 0.3184



43.1831, 0.3178, 0.4396

Complementary

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



43.1831, 0.2080, 0.2373



40.1481, 0.5036, 0.3923

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.



43.1831, 0.3791, 0.4438



43.1831, 0.2080, 0.2373



43.1831, 0.4412, 0.3674

Square

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



43.1831, 0.2080, 0.2373



43.1831, 0.3627, 0.2746



43.1831, 0.4253, 0.4135



43.1831, 0.2583, 0.3934

Rectangle

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



43.1831, 0.2080, 0.2373



43.1831, 0.2764, 0.2362



43.1831, 0.4253, 0.4135



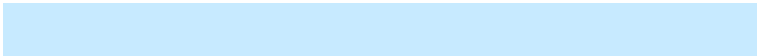
43.1831, 0.3389, 0.4458

Sweetspot

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



43.1846, 0.2080, 0.2373



78.1319, 0.2783, 0.3063



74.5931, 0.2790, 0.4868



16.2111, 0.2740, 0.3032



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.



43.1846, 0.2080, 0.2373



36.4660, 0.1952, 0.2152



16.4528, 0.1782, 0.1197



19.2655, 0.2979, 0.3198



17.0345, 0.1890, 0.2005



1.8689, 0.1935, 0.2167

Inverse Universe

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



29.0171, 0.4013, 0.2234



25.1428, 0.4273, 0.2191



78.3903, 0.4255, 0.4720



18.1777, 0.3196, 0.3143



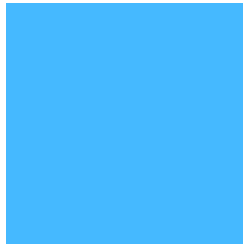
12.4476, 0.4448, 0.2224



1.2332, 0.4268, 0.2125

Previews

White Background



This preview shows how the Yxy color 43.1831, 0.2080, 0.2373 looks on a white background.

Color Contrast Check

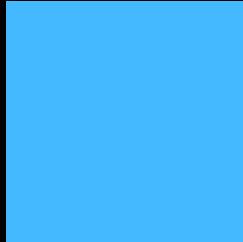
Large Text (above 18pt) WCAG AA × Fail

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 43.1831, 0.2080, 0.2373 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

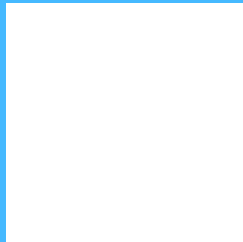
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1831, 0.2080, 0.2373

Background



This preview shows how black text looks on a background with the Yxy color 43.1831, 0.2080, 0.2373.



This preview shows how white text looks on a background with the Yxy color 43.1831, 0.2080, 0.2373.

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

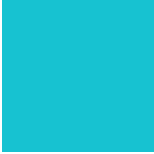
43.1831, 0.2080, 0.2373

Protanopia

42.7121, 0.2470, 0.2396

Deuteranopia

42.6826, 0.2342, 0.2282



Tritanopia

43.3692, 0.2201, 0.3063

Trichromacy



Original Color

43.1831, 0.2080, 0.2373

Protanomaly

42.3592, 0.2287, 0.2381

Deuteranomaly

42.2417, 0.2218, 0.2301

Tritanomaly

43.2037, 0.2144, 0.2788

Monochromacy



Original Color

43.1831, 0.2080, 0.2373

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

36.2911, 0.2593, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1831, 0.2080, 0.2373 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(69, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 185, 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(69, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1831, 0.2080, 0.2373 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(69, 185, 255) }
```

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

```
.border{ border-color:rgb(69, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1831, 0.2080, 0.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 185, 255) }
```

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

```
.background{ background-color: rgb(69, 185,  
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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