

Converting Colors

$Yxy(43.1471, 0.2073, 0.2374)$

Have a look what the booklet for
Yxy(43.1471, 0.2073, 0.2374)
contains.

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Color

Yxy(43.0762, 0.2072, 0.2371)

Conversions

Conversions Part 1

Format	Color
Hex	42B9FF
RGB	66, 185, 255
RGB Percent	26%, 73%, 100%
CMY	0.7415, 0.2745, 0.0000
CMYK	0.74, 0.27, 0.00, 0.00
HSL	202°, 100%, 63%
HSV	202°, 74%, 100%
XYZ	37.6440, 43.0762, 100.9593
YIQ	157.3990, -93.3940, -3.4580

Conversions

Conversions Part 2

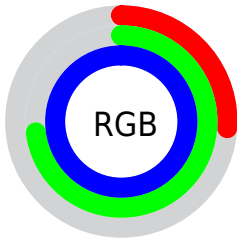
Format	Color
R _Y B	66, 139, 255
Decimal	4372991
CIE Lab	71.61, -10.43, -43.98
CIE LCh	72, 45.199, 256.663
Yxy	43.0762, 0.2072, 0.2371
Android (android.graphics.Color)	4282563071 (0xFF42B9FF)
YUV	157.3990, 48.1173, -80.1569
Hunter-Lab	65.6325, -12.4768, -45.2602

Details

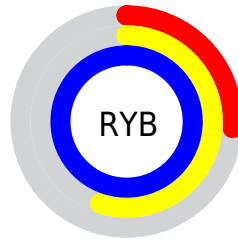
The Yxy color **43.0762, 0.2072, 0.2371** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **39.2347, 0.5087, 0.3913**, and the grayscale version is **33.7061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4490, 0.2479, 0.3127**, and **20.5797, 0.1932, 0.2156** is the 20% darker color. If you saturate the color by 10%, you get **38.5607, 0.1985, 0.2227**, and if you desaturate by 10%, it is **48.2476, 0.2180, 0.2516**.

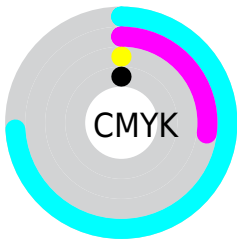
Distribution



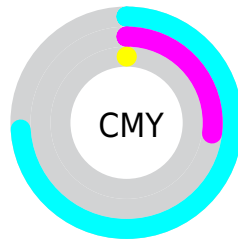
- Red (26%)
- Green (73%)
- Blue (100%)



- Red (26%)
- Yellow (55%)
- Blue (100%)



- Cyan (74%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (74%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0762, 0.2072, 0.2371 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 43.0762, 0.2072, 0.2371 by changing the saturation by 10% instead.

 43.0762, 0.2072,
0.2371


 43.0762, 0.2072,
0.2371


358.9250, 0.2576,
0.2824


 29.9449, 0.1956,
0.2263


 79.8258, 0.2248,
0.2532


 19.7968, 0.1814,
0.2129


 104.2130, 0.2316,
0.2594

 12.2474, 0.1637,
0.1959


 133.1208, 0.2375,
0.2647

 6.9124, 0.1412,
0.1737

 166.9338, 0.2426,
0.2692

 3.4074, 0.1124,
0.1444

206.0364, 0.2471,
0.2731

 1.3479, 0.0762,
0.1055

250.8128, 0.2510,

 0.1779, 0.0000,

0.2766

0.0308

301.6476, 0.2545,
0.2797

■ 0.0000, 0.0000,
0.0000

■ 43.0762, 0.2072,
0.2371

■ 43.0762, 0.2072,
0.2371

■ 38.5607, 0.1985,
0.2227

■ 48.2476, 0.2180,
0.2516

■ 34.6399, 0.1920,
0.2085

■ 54.1272, 0.2305,
0.2658

■ 32.5727, 0.1890,
0.2004

■ 60.7594, 0.2444,
0.2794

■ 68.1846, 0.2594,
0.2923

■ 76.4396, 0.2749,
0.3043

■ 85.5583, 0.2906,
0.3152

■ 95.5727, 0.3063,
0.3252

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



43.0762, 0.1986, 0.2702



43.0762, 0.2072, 0.2371



43.0762, 0.2406, 0.2288

Triad

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



43.0762, 0.2072, 0.2371



43.0762, 0.4181, 0.3176



43.0762, 0.3187, 0.4406

Complementary

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



43.0762, 0.2072, 0.2371



39.2347, 0.5087, 0.3913

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.



43.0762, 0.3802, 0.4442



43.0762, 0.2072, 0.2371



43.0762, 0.4419, 0.3669

Square

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



43.0762, 0.2072, 0.2371



43.0762, 0.3621, 0.2737



43.0762, 0.4263, 0.4134



43.0762, 0.2587, 0.3946

Rectangle

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



43.0762, 0.2072, 0.2371



43.0762, 0.2754, 0.2356



43.0762, 0.4263, 0.4134



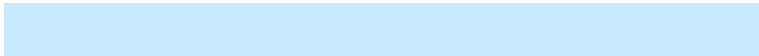
43.0762, 0.3399, 0.4467

Sweetspot

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



43.0760, 0.2072, 0.2371



78.3272, 0.2783, 0.3067



74.4315, 0.2790, 0.4898



16.2574, 0.2740, 0.3036



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.



43.0760, 0.2072, 0.2371



36.5898, 0.1951, 0.2157



15.8790, 0.1764, 0.1165



19.2848, 0.2979, 0.3200



17.3154, 0.1896, 0.2027



1.8952, 0.1941, 0.2186

Inverse Universe

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



28.6495, 0.4018, 0.2216



25.0328, 0.4268, 0.2180



78.1284, 0.4268, 0.4732



18.1796, 0.3195, 0.3141



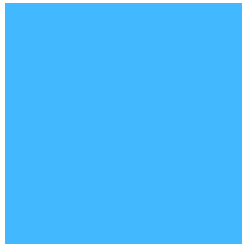
12.4760, 0.4423, 0.2210



1.2359, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 43.0762, 0.2072, 0.2371 looks on a white background.

Color Contrast Check

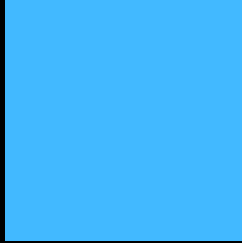
Large Text (above 18pt) WCAG AA × Fail

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 43.0762, 0.2072, 0.2371 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

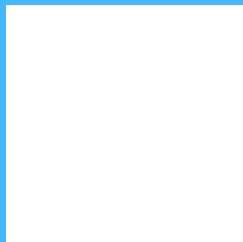
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0762, 0.2072, 0.2371

Background



This preview shows how black text looks on a background with the Yxy color 43.0762, 0.2072, 0.2371.

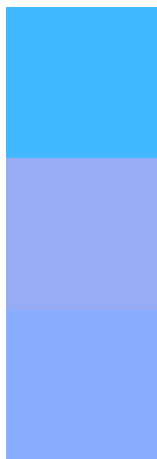


This preview shows how white text looks on a background with the Yxy color 43.0762, 0.2072, 0.2371.

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

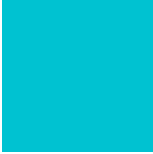
43.0762, 0.2072, 0.2371

Protanopia

42.7121, 0.2470, 0.2396

Deuteranopia

42.5961, 0.2337, 0.2281



Tritanopia

43.1870, 0.2184, 0.3062

Trichromacy



Original Color

43.0762, 0.2072, 0.2371

Protanomaly

42.2865, 0.2282, 0.2380

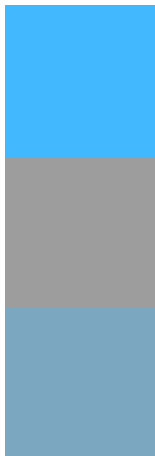
Deuteranomaly

42.1090, 0.2209, 0.2299

Tritanomaly

42.9468, 0.2123, 0.2785

Monochromacy



Original Color

43.0762, 0.2072, 0.2371

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.7728, 0.2577, 0.2903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0762, 0.2072, 0.2371 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(66, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.0762, 0.2072, 0.2371 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(66, 185, 255) }
```

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

```
.border{ border-color:rgb(66, 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(66, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 185,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.0762, 0.2072, 0.2371$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 185, 255) }
```

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

```
.background{ background-color: rgb(66, 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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