

Converting Colors

$Yxy(43.3946, 0.2069, 0.2384)$

Have a look what the booklet for
Yxy(43.3946, 0.2069, 0.2384)
contains.

Yxy(43.3946, 0.2069, 0.2384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3946, 0.2069, 0.2384)

Conversions

Conversions Part 1

Format	Color
Hex	3FBAFF
RGB	63, 186, 255
RGB Percent	25%, 73%, 100%
CMY	0.7523, 0.2706, 0.0001
CMYK	0.75, 0.27, 0.00, 0.00
HSL	202°, 100%, 62%
HSV	202°, 75%, 100%
XYZ	37.6608, 43.3946, 100.9689
YIQ	157.0890, -95.4570, -4.6170

Conversions

Conversions Part 2

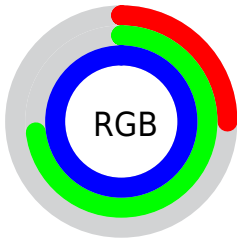
Format	Color
R _Y B	63, 138, 255
Decimal	4176639
CIE Lab	71.82, -11.30, -43.61
CIE LCh	72, 45.055, 255.475
Yxy	43.3946, 0.2069, 0.2384
Android (android.graphics.Color)	4282366719 (0xFF3FB4FF)
YUV	157.0890, 48.2701, -82.5161
Hunter-Lab	65.8746, -13.2311, -44.7642

Details

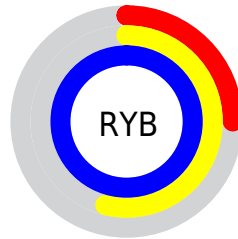
The Yxy color **43.3946, 0.2069, 0.2384** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **38.1497, 0.5144, 0.3894**, and the grayscale version is **33.5889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8752, 0.2473, 0.3138**, and **20.8523, 0.1937, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **39.0002, 0.1986, 0.2244**, and if you desaturate by 10%, it is **48.4283, 0.2173, 0.2524**.

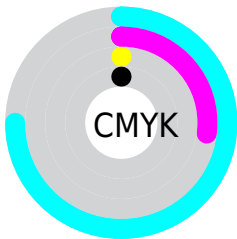
Distribution



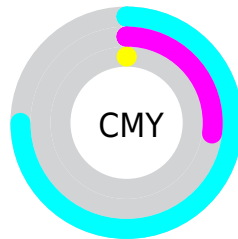
- Red (25%)
- Green (73%)
- Blue (100%)



- Red (25%)
- Yellow (54%)
- Blue (100%)



- Cyan (75%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




- Cyan (75%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3946, 0.2069, 0.2384 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 43.3946, 0.2069, 0.2384 by changing the saturation by 10% instead.

 43.3946, 0.2069,
0.2384


 43.3946, 0.2069,
0.2384


360.2321, 0.2574,
0.2831


 30.1948, 0.1953,
0.2277


 80.3060, 0.2245,
0.2543

 19.9865, 0.1811,
0.2145


 104.7864, 0.2314,
0.2604

 12.3853, 0.1634,
0.1976


 133.7959, 0.2372,
0.2656

 7.0066, 0.1409,
0.1756

 167.7187, 0.2423,
0.2701

 3.4662, 0.1122,
0.1465

206.9393, 0.2468,
0.2740

 1.3797, 0.0761,
0.1077

251.8422, 0.2508,

 0.2017, 0.0000,

0.2774

0.0348

302.8116, 0.2543,
0.2804

■ 0.0000, 0.0000,
0.0000

■ 43.3946, 0.2069,
0.2384

■ 43.3946, 0.2069,
0.2384

■ 39.0002, 0.1986,
0.2244

■ 48.4283, 0.2173,
0.2524

■ 35.1776, 0.1925,
0.2107

■ 54.1488, 0.2295,
0.2662

■ 33.5150, 0.1901,
0.2042

■ 60.6026, 0.2432,
0.2795

■ 67.8299, 0.2579,
0.2921

■ 75.8674, 0.2733,
0.3038

■ 84.7491, 0.2890,
0.3145

■ 94.5066, 0.3046,
0.3243

■ 99.9978, 0.3127,
0.3290

Harmonies

Analogous

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



43.3946, 0.1993, 0.2724



43.3946, 0.2069, 0.2384



43.3946, 0.2392, 0.2292

Triad

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



43.3946, 0.2069, 0.2384



43.3946, 0.4158, 0.3159



43.3946, 0.3212, 0.4409

Complementary

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



43.3946, 0.2069, 0.2384



38.1497, 0.5144, 0.3894

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.



43.3946, 0.3821, 0.4429



43.3946, 0.2069, 0.2384



43.3946, 0.4410, 0.3648

Square

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



43.3946, 0.2069, 0.2384



43.3946, 0.3593, 0.2725



43.3946, 0.4270, 0.4113



43.3946, 0.2611, 0.3966

Rectangle

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



43.3946, 0.2069, 0.2384



43.3946, 0.2733, 0.2353



43.3946, 0.4270, 0.4113



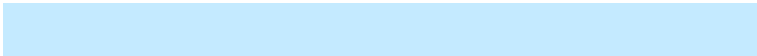
43.3946, 0.3423, 0.4463

Sweetspot

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



43.3961, 0.2069, 0.2384



77.7981, 0.2768, 0.3063



74.1793, 0.2802, 0.4966



15.9953, 0.2711, 0.3022



0.0000, 0.0000, 0.0000



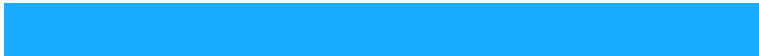
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3961, 0.2069, 0.2384



37.1212, 0.1954, 0.2178



15.9209, 0.1756, 0.1169



19.3183, 0.2980, 0.3202



17.8107, 0.1907, 0.2065



1.9413, 0.1950, 0.2220

Inverse Universe

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



28.3705, 0.4008, 0.2192



24.9739, 0.4248, 0.2161



76.1122, 0.4303, 0.4720



18.1830, 0.3193, 0.3139



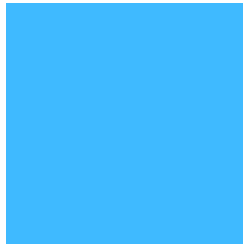
12.5260, 0.4380, 0.2187



1.2405, 0.4211, 0.2093

Previews

White Background



This preview shows how the Yxy color 43.3946, 0.2069, 0.2384 looks on a white background.

Color Contrast Check

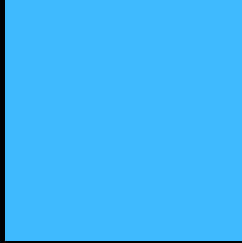
Large Text (above 18pt) WCAG AA × Fail

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 43.3946, 0.2069, 0.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

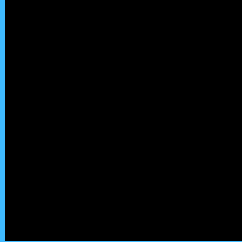
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

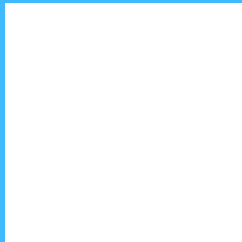
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3946, 0.2069, 0.2384

Background



This preview shows how black text looks on a background with the Yxy color 43.3946, 0.2069, 0.2384.



This preview shows how white text looks on a background with the Yxy color 43.3946, 0.2069, 0.2384.

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

43.3946, 0.2069, 0.2384

Protanopia

42.8090, 0.2477, 0.2398

Deuteranopia

43.0676, 0.2345, 0.2295



Tritanopia

43.2367, 0.2180, 0.3048

Trichromacy



Original Color

43.3946, 0.2069, 0.2384

Protanomaly

42.2147, 0.2277, 0.2379

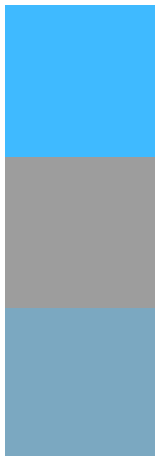
Deuteranomaly

42.5055, 0.2211, 0.2312

Tritanomaly

42.9347, 0.2122, 0.2785

Monochromacy



Original Color

43.3946, 0.2069, 0.2384

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

36.0665, 0.2573, 0.2918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3946, 0.2069, 0.2384 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(63, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(63, 186, 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(63, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.3946, 0.2069, 0.2384 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(63, 186, 255) }
```

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

```
.border{ border-color:rgb(63, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(63, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3946, 0.2069, 0.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 186, 255) }
```

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

```
.background{ background-color: rgb(63, 186,  
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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