

Converting Colors

$Yxy(42.8087, 0.2075, 0.2426)$

Have a look what the booklet for
Yxy(42.8087, 0.2075, 0.2426)
contains.

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Color

Yxy(42.9806, 0.2078, 0.2436)

Conversions

Conversions Part 1

Format	Color
Hex	3CBAFA
RGB	60, 186, 250
RGB Percent	24%, 73%, 98%
CMY	0.7657, 0.2705, 0.0197
CMYK	0.76, 0.26, 0.00, 0.02
HSL	200°, 95%, 61%
HSV	200°, 76%, 98%
XYZ	36.6641, 42.9806, 96.7946
YIQ	155.6220, -95.6400, -6.8080

Conversions

Conversions Part 2

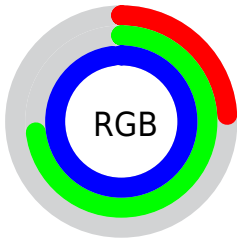
Format	Color
RYB	60, 136, 250
Decimal	3980026
CIELab	71.54, -13.36, -41.37
CIELCh	72, 43.476, 252.102
Yxy	42.9806, 0.2078, 0.2436
Android (android.graphics.Color)	4282170106 (0xFF3CBAFA)
YUV	155.6220, 46.5284, -83.8605
Hunter-Lab	65.5596, -14.9035, -41.6462

Details

The Yxy color **42.9806, 0.2078, 0.2436** 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 **34.9886, 0.5215, 0.3850**, and the grayscale version is **32.8605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6298, 0.2461, 0.3138**, and **20.6253, 0.1955, 0.2239** is the 20% darker color. If you saturate the color by 10%, you get **38.9435, 0.2000, 0.2306**, and if you desaturate by 10%, it is **47.5957, 0.2177, 0.2566**.

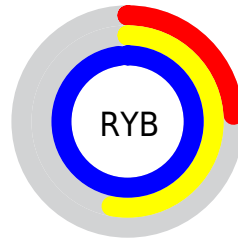
Distribution



Red (24%)

Green (73%)

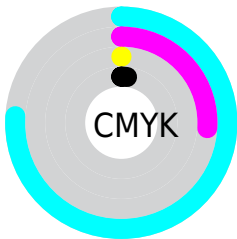
Blue (98%)



Red (24%)

Yellow (53%)

Blue (98%)

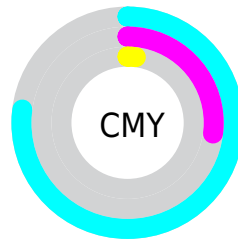


Cyan (76%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9806, 0.2078, 0.2436 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 42.9806, 0.2078, 0.2436 by changing the saturation by 10% instead.

■ 42.9806, 0.2078,
0.2436

■ 42.9806, 0.2078,
0.2436

■ 358.5320, 0.2580,
0.2862

■ 29.8699, 0.1962,
0.2333

■ 79.6816, 0.2254,
0.2589

■ 19.7399, 0.1820,
0.2205

■ 104.0407, 0.2322,
0.2647

■ 12.2061, 0.1642,
0.2040

■ 132.9180, 0.2380,
0.2696

■ 6.8842, 0.1415,
0.1823

■ 166.6979, 0.2431,
0.2739

■ 3.3898, 0.1124,
0.1532

■ 205.7649, 0.2475,
0.2775

■ 1.3385, 0.0755,
0.1137

■ 250.5033, 0.2514,

■ 0.1707, 0.0000,

0.2808

0.0330

301.2975, 0.2549,
0.2836

0.0000, 0.0000,
0.0000

42.9806, 0.2078,
0.2436

42.9806, 0.2078,
0.2436

38.9435, 0.2000,
0.2306

47.5957, 0.2177,
0.2566

35.4196, 0.1943,
0.2178

52.8338, 0.2294,
0.2695

34.1499, 0.1925,
0.2129

58.7389, 0.2426,
0.2819

65.3488, 0.2570,
0.2936

72.6981, 0.2721,
0.3046

■ 80.8186, 0.2877,
0.3147

■ 89.7399, 0.3033,
0.3239

■ 98.5799, 0.3157,
0.3321

■ 99.6813, 0.3156,
0.3338

Harmonies

Analogous

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



42.9806, 0.2033, 0.2796



42.9806, 0.2078, 0.2436



42.9806, 0.2367, 0.2318

Triad

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



42.9806, 0.2078, 0.2436



42.9806, 0.4076, 0.3113



42.9806, 0.3281, 0.4394

Complementary

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



42.9806, 0.2078, 0.2436



34.9886, 0.5215, 0.3850

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.



42.9806, 0.3862, 0.4373



42.9806, 0.2078, 0.2436



42.9806, 0.4361, 0.3587

Square

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



42.9806, 0.2078, 0.2436



42.9806, 0.3507, 0.2701



42.9806, 0.4269, 0.4046



42.9806, 0.2688, 0.4007

Rectangle

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



42.9806, 0.2078, 0.2436



42.9806, 0.2684, 0.2363



42.9806, 0.4269, 0.4046



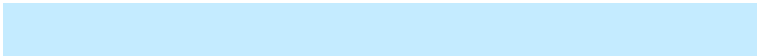
42.9806, 0.3484, 0.4431

Sweetspot

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



42.9821, 0.2078, 0.2436



78.5800, 0.2769, 0.3078



70.7501, 0.2815, 0.5028



16.1854, 0.2713, 0.3040



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.



42.9821, 0.2078, 0.2436



38.8373, 0.1969, 0.2242



15.4146, 0.1753, 0.1181



18.5678, 0.2980, 0.3208



18.3927, 0.1931, 0.2150



1.8990, 0.1973, 0.2302

Inverse Universe

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



27.0733, 0.3959, 0.2148



25.0443, 0.4181, 0.2116



70.9337, 0.4335, 0.4704



17.4195, 0.3190, 0.3134



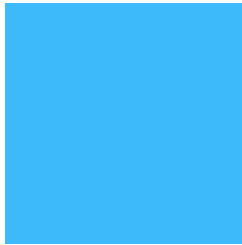
12.2677, 0.4287, 0.2135



1.1559, 0.4125, 0.2046

Previews

White Background



This preview shows how the Yxy color 42.9806, 0.2078, 0.2436 looks on a white background.

Color Contrast Check

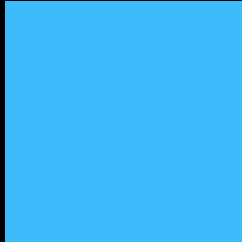
Large Text (above 18pt) WCAG AA × Fail

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 42.9806, 0.2078, 0.2436 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

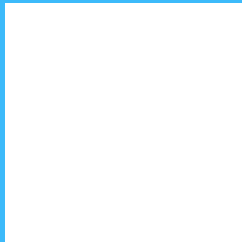
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9806, 0.2078, 0.2436

Background



This preview shows how black text looks on a background with the Yxy color 42.9806, 0.2078, 0.2436.



This preview shows how white text looks on a background with the Yxy color 42.9806, 0.2078, 0.2436.

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

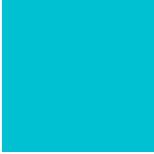
42.9806, 0.2078, 0.2436

Protanopia

42.6071, 0.2511, 0.2451

Deuteranopia

42.7298, 0.2364, 0.2304



Tritanopia

42.7434, 0.2180, 0.3047

Trichromacy



Original Color

42.9806, 0.2078, 0.2436

Protanomaly

41.9084, 0.2300, 0.2432

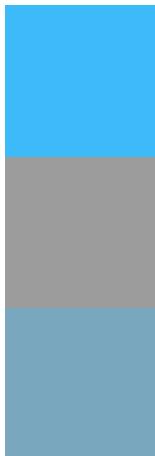
Deuteranomaly

42.3138, 0.2224, 0.2343

Tritanomaly

42.3793, 0.2124, 0.2796

Monochromacy



Original Color

42.9806, 0.2078, 0.2436

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

35.4201, 0.2576, 0.2943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9806, 0.2078, 0.2436 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(60, 186, 250)` looks like.

```
.text, #text, p{  
    color:rgb(60, 186, 250)  
}
```

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(60, 186, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 186, 250) }
```

Border

The CSS property to change the border of an element to Yxy 42.9806, 0.2078, 0.2436 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(60, 186, 250) }
```

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

```
.border{ border-color:rgb(60, 186, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 186, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 186, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 186, 250);  
box-shadow:4px 4px 4px 4px rgb(60, 186,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9806, 0.2078, 0.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 186, 250) }
```

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

```
.background{ background-color: rgb(60, 186,  
250) }
```

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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