

Converting Colors

$Yxy(43.8432, 0.2094, 0.2482)$

Have a look what the booklet for
Yxy(43.8432, 0.2094, 0.2482)
contains.

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Color

Yxy(43.7981, 0.2092, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	3DBC F9
RGB	61, 188, 249
RGB Percent	24%, 74%, 98%
CMY	0.7598, 0.2628, 0.0234
CMYK	0.75, 0.25, 0.00, 0.02
HSL	200°, 94%, 61%
HSV	200°, 75%, 98%
XYZ	37.0205, 43.7981, 96.1435
YIQ	156.9810, -95.2730, -7.9530

Conversions

Conversions Part 2

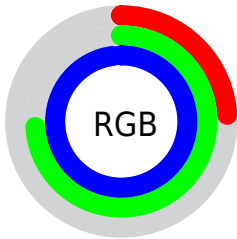
Format	Color
R _Y B	61, 137, 249
Decimal	4046073
CIE Lab	72.09, -14.56, -39.99
CIE LCh	72, 42.558, 249.990
Yxy	43.7981, 0.2092, 0.2475
Android (android.graphics.Color)	4282236153 (0xFF3DBC F9)
YUV	156.9810, 45.3654, -84.1753
Hunter-Lab	66.1801, -15.9643, -39.8077

Details

The Yxy color **43.7981, 0.2092, 0.2475** 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 **34.4763, 0.5212, 0.3829**, and the grayscale version is **33.5644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9079, 0.2469, 0.3161**, and **21.1337, 0.1969, 0.2290** is the 20% darker color. If you saturate the color by 10%, you get **39.8187, 0.2014, 0.2349**, and if you desaturate by 10%, it is **48.3415, 0.2190, 0.2601**.

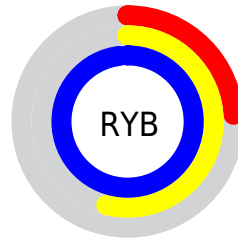
Distribution



Red (24%)

Green (74%)

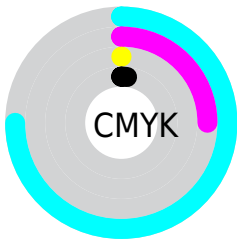
Blue (98%)



Red (24%)

Yellow (54%)

Blue (98%)

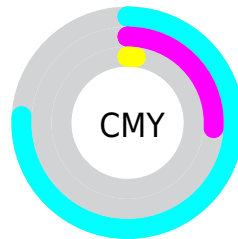


Cyan (75%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (76%)


Magenta (26%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7981, 0.2092, 0.2475 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 43.7981, 0.2092, 0.2475 by changing the saturation by 10% instead.

 43.7981, 0.2092,
0.2475


 43.7981, 0.2092,
0.2475

361.8837, 0.2587,
0.2882


 30.5118, 0.1978,
0.2376


 80.9138, 0.2265,
0.2621


 20.2274, 0.1838,
0.2253

 105.5121, 0.2332,
0.2677

 12.5604, 0.1662,
0.2093


 134.6498, 0.2390,
0.2724

 7.1266, 0.1439,
0.1883

 168.7113, 0.2439,
0.2765

 3.5414, 0.1150,
0.1599

208.0811, 0.2483,
0.2800

 1.4205, 0.0782,
0.1209

253.1435, 0.2522,

 0.2317, 0.0000,

0.2831

0.0451

304.2829, 0.2556,
0.2858

■ 0.0000, 0.0000,
0.0000

■ 43.7981, 0.2092,
0.2475

■ 43.7981, 0.2092,
0.2475

■ 39.8187, 0.2014,
0.2349

■ 48.3415, 0.2190,
0.2601

■ 36.3403, 0.1957,
0.2226

■ 53.4922, 0.2307,
0.2724

■ 34.8709, 0.1936,
0.2170

■ 59.2933, 0.2439,
0.2843

■ 65.7817, 0.2582,
0.2956

■ 72.9910, 0.2733,
0.3061

■ 80.9523, 0.2888,
0.3158

■ 89.6945, 0.3044,
0.3246

■ 98.1915, 0.3163,
0.3326

■ 99.6210, 0.3162,
0.3347

Harmonies

Analogous

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



43.7981, 0.2065, 0.2845



43.7981, 0.2092, 0.2475



43.7981, 0.2359, 0.2343

Triad

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



43.7981, 0.2092, 0.2475



43.7981, 0.4018, 0.3087



43.7981, 0.3321, 0.4373

Complementary

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



43.7981, 0.2092, 0.2475



34.4763, 0.5212, 0.3829

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.



43.7981, 0.3880, 0.4330



43.7981, 0.2092, 0.2475



43.7981, 0.4320, 0.3550

Square

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



43.7981, 0.2092, 0.2475



43.7981, 0.3454, 0.2691



43.7981, 0.4257, 0.4001



43.7981, 0.2739, 0.4024

Rectangle

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



43.7981, 0.2092, 0.2475



43.7981, 0.2659, 0.2376



43.7981, 0.4257, 0.4001



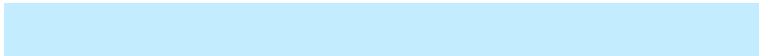
43.7981, 0.3518, 0.4401

Sweetspot

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



43.7996, 0.2092, 0.2475



78.9551, 0.2769, 0.3085



70.1396, 0.2827, 0.5051



16.2768, 0.2714, 0.3048



0.0000, 0.0000, 0.0000



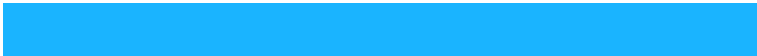
21.4041, 0.3127, 0.3290

Same Dimension

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



43.7996, 0.2092, 0.2475



40.2334, 0.1985, 0.2291



16.1488, 0.1772, 0.1234



18.6016, 0.2980, 0.3211



18.9315, 0.1942, 0.2190



1.9461, 0.1982, 0.2336

Inverse Universe

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



27.1390, 0.3919, 0.2134



25.2881, 0.4129, 0.2093



68.8809, 0.4351, 0.4674



17.4229, 0.3188, 0.3131



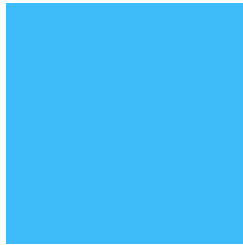
12.3220, 0.4244, 0.2111



1.1607, 0.4088, 0.2026

Previews

White Background



This preview shows how the Yxy color 43.7981, 0.2092, 0.2475 looks on a white background.

Color Contrast Check

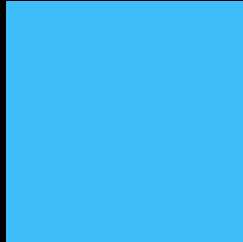
Large Text (above 18pt) WCAG AA × Fail

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 43.7981, 0.2092, 0.2475 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

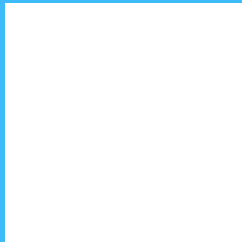
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7981, 0.2092, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 43.7981, 0.2092, 0.2475.



This preview shows how white text looks on a background with the Yxy color 43.7981, 0.2092, 0.2475.

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

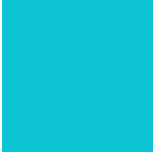
43.7981, 0.2092, 0.2475

Protanopia

43.1697, 0.2545, 0.2489

Deuteranopia

43.3201, 0.2389, 0.2331



Tritanopia

43.8045, 0.2187, 0.3050

Trichromacy



Original Color

43.7981, 0.2092, 0.2475

Protanomaly

42.3292, 0.2323, 0.2469

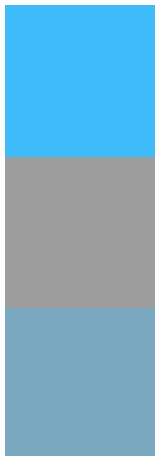
Deuteranomaly

42.8501, 0.2245, 0.2369

Tritanomaly

43.3967, 0.2136, 0.2814

Monochromacy



Original Color

43.7981, 0.2092, 0.2475

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.8605, 0.2585, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7981, 0.2092, 0.2475 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(61, 188, 249)` looks like.

```
.text, #text, p{  
    color:rgb(61, 188, 249)  
}
```

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(61, 188, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 188, 249) }
```

Border

The CSS property to change the border of an element to Yxy 43.7981, 0.2092, 0.2475 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(61, 188, 249) }
```

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

```
.border{ border-color:rgb(61, 188, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 188, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 188, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 188, 249);  
box-shadow:4px 4px 4px 4px rgb(61, 188,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7981, 0.2092, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 188, 249) }
```

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

```
.background{ background-color: rgb(61, 188,  
249) }
```

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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