

Converting Colors

$Yxy(54.4436, 0.2193, 0.2815)$

Have a look what the booklet for
Yxy(54.4436, 0.2193, 0.2815)
contains.

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Color

Yxy(54.4972, 0.2195, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	43D3F7
RGB	67, 211, 247
RGB Percent	26%, 83%, 97%
CMY	0.7368, 0.1726, 0.0314
CMYK	0.73, 0.15, 0.00, 0.03
HSL	192°, 92%, 62%
HSV	192°, 73%, 97%
XYZ	42.4039, 54.4972, 96.2829
YIQ	172.0480, -97.3800, -19.3320

Conversions

Conversions Part 2

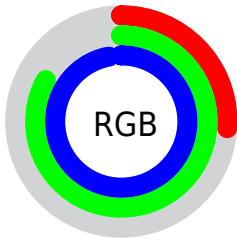
Format	Color
R _{YB}	67, 147, 247
Decimal	4445175
CIE _{Lab}	78.75, -26.35, -28.60
CIE _{LCh}	79, 38.893, 227.344
Yxy	54.4972, 0.2195, 0.2821
Android (android.graphics.Color)	4282635255 (0xFF43D3F7)
YUV	172.0480, 36.9513, -92.1271
Hunter-Lab	73.8222, -26.6575, -25.6536

Details

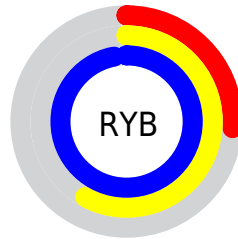
The Yxy color **54.4972, 0.2195, 0.2821** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **29.9102, 0.5335, 0.3607**, and the grayscale version is **41.1456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1433, 0.2512, 0.3288**, and **27.5385, 0.2081, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **51.3833, 0.2130, 0.2747**, and if you desaturate by 10%, it is **58.0628, 0.2280, 0.2895**.

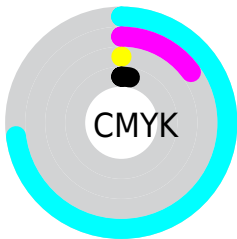
Distribution



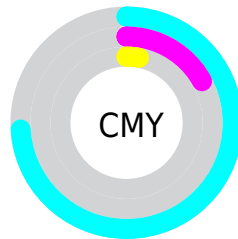
- Red (26%)
- Green (83%)
- Blue (97%)



- Red (26%)
- Yellow (58%)
- Blue (97%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)




- Cyan (74%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4972, 0.2195, 0.2821 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 54.4972, 0.2195, 0.2821 by changing the saturation by 10% instead.


 54.4972, 0.2195,
0.2821


 54.4972, 0.2195,
0.2821


404.0032, 0.2629,
0.3060

 38.9993, 0.2097,
0.2762


 96.8039, 0.2345,
0.2908


 26.7592, 0.1977,
0.2686


 124.3815, 0.2404,
0.2940

 17.3924, 0.1827,
0.2588


 156.7544, 0.2454,
0.2968

 10.5147, 0.1635,
0.2454


 194.3071, 0.2498,
0.2992

 5.7415, 0.1385,
0.2265

237.4239, 0.2537,
0.3012

 2.6886, 0.1055,
0.1983

286.4893, 0.2571,

 0.9714, 0.0449,

0.3030

0.1572

341.8875, 0.2601,
0.3046

■ 0.0000, 0.0000,
0.0000

■ 54.4972, 0.2195,
0.2821

■ 54.4972, 0.2195,
0.2821

■ 51.3833, 0.2130,
0.2747

■ 58.0628, 0.2280,
0.2895

■ 48.6635, 0.2085,
0.2674

■ 62.1169, 0.2383,
0.2967

■ 46.9007, 0.2062,
0.2622

■ 66.6985, 0.2502,
0.3037

■ 71.8407, 0.2636,
0.3103

■ 77.5737, 0.2779,
0.3166

83.9250, 0.2929,
0.3223

90.9207, 0.3083,
0.3276

96.6919, 0.3176,
0.3324

99.4957, 0.3173,
0.3367

Harmonies

Analogous

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



54.4972, 0.2340, 0.3277



54.4972, 0.2195, 0.2821



54.4972, 0.2270, 0.2545

Triad

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



54.4972, 0.2195, 0.2821



54.4972, 0.3536, 0.2850



54.4972, 0.3672, 0.4212

Complementary

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



54.4972, 0.2195, 0.2821



29.9102, 0.5335, 0.3607

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.



54.4972, 0.4039, 0.3994



54.4972, 0.2195, 0.2821



54.4972, 0.3971, 0.3219

Square

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



54.4972, 0.2195, 0.2821



54.4972, 0.3009, 0.2584



54.4972, 0.4158, 0.3626



54.4972, 0.3176, 0.4155

Rectangle

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



54.4972, 0.2195, 0.2821



54.4972, 0.2438, 0.2474



54.4972, 0.4158, 0.3626



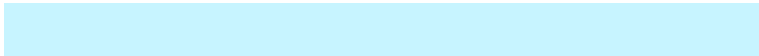
54.4972, 0.3815, 0.4164

Sweetspot

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



54.4992, 0.2195, 0.2821



83.9108, 0.2790, 0.3170



68.7039, 0.2907, 0.5250



17.5852, 0.2751, 0.3154



0.0000, 0.0000, 0.0000



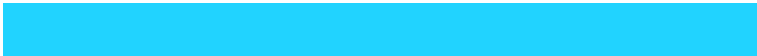
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4992, 0.2195, 0.2821



53.9288, 0.2108, 0.2715



21.6106, 0.1876, 0.1562



18.1612, 0.2980, 0.3241



25.0094, 0.2065, 0.2634



2.3379, 0.2090, 0.2725

Inverse Universe

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



28.5076, 0.3595, 0.1966



27.0385, 0.3707, 0.1874



58.3405, 0.4486, 0.4477



16.7081, 0.3169, 0.3103



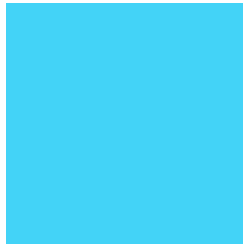
12.6241, 0.3791, 0.1862



1.1236, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 54.4972, 0.2195, 0.2821 looks on a white background.

Color Contrast Check

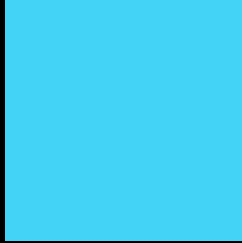
Large Text (above 18pt) WCAG AA × Fail

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 54.4972, 0.2195, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

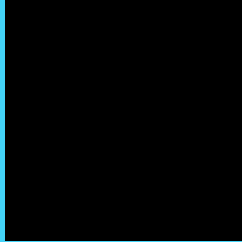
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4972, 0.2195, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 54.4972, 0.2195, 0.2821.



This preview shows how white text looks on a background with the Yxy color 54.4972, 0.2195, 0.2821.

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

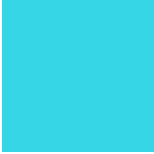
54.4972, 0.2195, 0.2821

Protanopia

53.7728, 0.2781, 0.2804

Deuteranopia

53.6789, 0.2643, 0.2577



Tritanopia

54.6749, 0.2240, 0.3058

Trichromacy



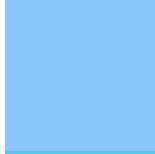
Original Color

54.4972, 0.2195, 0.2821



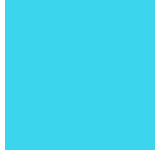
Protanomaly

52.7707, 0.2496, 0.2801



Deuteranomaly

52.8657, 0.2423, 0.2653



Tritanomaly

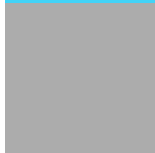
54.6327, 0.2222, 0.2969

Monochromacy



Original Color

54.4972, 0.2195, 0.2821



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

44.3097, 0.2644, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4972, 0.2195, 0.2821 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(67, 211, 247)` looks like.

```
.text, #text, p{  
    color:rgb(67, 211, 247)  
}
```

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(67, 211, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 211, 247) }
```

Border

The CSS property to change the border of an element to Yxy 54.4972, 0.2195, 0.2821 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(67, 211, 247) }
```

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

```
.border{ border-color:rgb(67, 211, 247) }
```

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

Here you see how a box with a 4 pixel rgb(67, 211, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(67, 211,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4972, 0.2195, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 211, 247) }
```

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

```
.background{ background-color: rgb(67, 211,  
247) }
```

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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