

Converting Colors

$Yxy(52.4465, 0.2217, 0.2842)$

Have a look what the booklet for
Yxy(52.4465, 0.2217, 0.2842)
contains.

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Color

Yxy(52.3542, 0.2216, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	48CFF1
RGB	72, 207, 241
RGB Percent	28%, 81%, 95%
CMY	0.7176, 0.1882, 0.0548
CMYK	0.70, 0.14, 0.00, 0.05
HSL	192°, 86%, 61%
HSV	192°, 70%, 95%
XYZ	40.8654, 52.3542, 91.1911
YIQ	170.5110, -91.3740, -18.0460

Conversions

Conversions Part 2

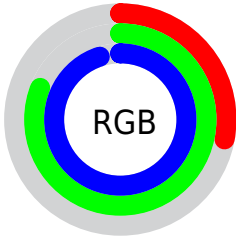
Format	Color
R _Y B	72, 147, 241
Decimal	4771825
CIE Lab	77.49, -25.61, -27.33
CIE LCh	77, 37.450, 226.863
Yxy	52.3542, 0.2216, 0.2839
Android (android.graphics.Color)	4282961905 (0xFF48CFF1)
YUV	170.5110, 34.7511, -86.3941
Hunter-Lab	72.3562, -25.8099, -24.0743

Details

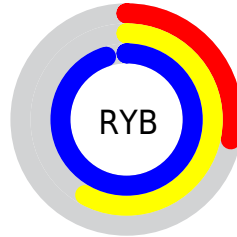
The Yxy color **52.3542, 0.2216, 0.2839** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **29.4889, 0.5217, 0.3610**, and the grayscale version is **40.3264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3154, 0.2520, 0.3288**, and **25.9593, 0.2086, 0.2710** is the 20% darker color. If you saturate the color by 10%, you get **49.2889, 0.2146, 0.2765**, and if you desaturate by 10%, it is **55.8584, 0.2306, 0.2913**.

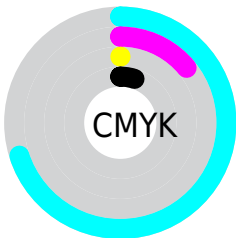
Distribution



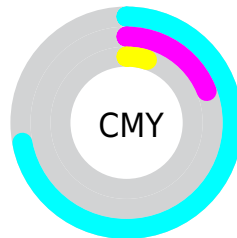
- Red (28%)
- Green (81%)
- Blue (95%)



- Red (28%)
- Yellow (58%)
- Blue (95%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3542, 0.2216, 0.2839 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 52.3542, 0.2216, 0.2839 by changing the saturation by 10% instead.


 52.3542, 0.2216,
0.2839

 52.3542, 0.2216,
0.2839

395.8025, 0.2644,
0.3070


 37.2875, 0.2118,
0.2781


 93.6534, 0.2365,
0.2923


 25.4302, 0.1998,
0.2707


 120.6547, 0.2423,
0.2955

 16.3978, 0.1847,
0.2609

 152.4029, 0.2472,
0.2982

 9.8061, 0.1653,
0.2476

 189.2825, 0.2516,
0.3005

 5.2706, 0.1398,
0.2284

231.6779, 0.2554,
0.3024

 2.4069, 0.1056,
0.1996

279.9734, 0.2587,

 0.8294, 0.0312,

0.3042

0.1583

334.5535, 0.2617,
0.3057

■ 0.0000, 0.0000,
0.0000

■ 52.3542, 0.2216,
0.2839

■ 52.3542, 0.2216,
0.2839

■ 49.2889, 0.2146,
0.2765

■ 55.8584, 0.2306,
0.2913

■ 46.6109, 0.2095,
0.2691


■ 59.8345, 0.2414,
0.2985

■ 44.2731, 0.2061,
0.2619

■ 64.3179, 0.2538,
0.3054


■ 69.3391, 0.2674,
0.3120

■ 74.9258, 0.2819,
0.3181

 81.1035, 0.2971,
0.3238

 87.8962, 0.3125,
0.3289

 93.4142, 0.3216,
0.3337

 96.4020, 0.3212,
0.3383

Harmonies

Analogous

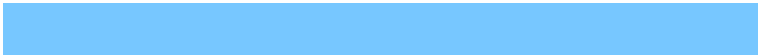
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3542, 0.2362, 0.3286



52.3542, 0.2216, 0.2839



52.3542, 0.2286, 0.2565

Triad

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



52.3542, 0.2216, 0.2839



52.3542, 0.3518, 0.2855



52.3542, 0.3667, 0.4188

Complementary

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



52.3542, 0.2216, 0.2839



29.4889, 0.5217, 0.3610

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.



52.3542, 0.4022, 0.3974



52.3542, 0.2216, 0.2839



52.3542, 0.3946, 0.3215

Square

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



52.3542, 0.2216, 0.2839



52.3542, 0.3004, 0.2596



52.3542, 0.4132, 0.3614



52.3542, 0.3184, 0.4136

Rectangle

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



52.3542, 0.2216, 0.2839



52.3542, 0.2449, 0.2493



52.3542, 0.4132, 0.3614



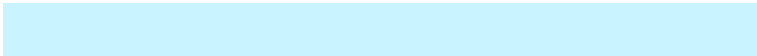
52.3542, 0.3806, 0.4141

Sweetspot

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



52.3561, 0.2216, 0.2839



84.5333, 0.2805, 0.3176



65.3415, 0.2907, 0.5172



17.7068, 0.2764, 0.3159



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.



52.3561, 0.2216, 0.2839



54.7126, 0.2122, 0.2734



21.8255, 0.1917, 0.1634



17.3568, 0.2981, 0.3241



24.1987, 0.2064, 0.2631



2.1485, 0.2091, 0.2727

Inverse Universe

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



27.8463, 0.3575, 0.1996



27.5793, 0.3687, 0.1887



56.1399, 0.4436, 0.4452



15.9737, 0.3169, 0.3103



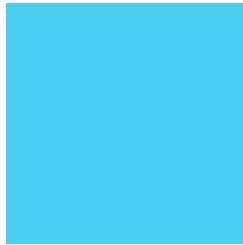
12.2362, 0.3794, 0.1864



1.0316, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 52.3542, 0.2216, 0.2839 looks on a white background.

Color Contrast Check

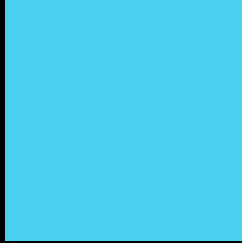
Large Text (above 18pt) WCAG AA × Fail

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 52.3542, 0.2216, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

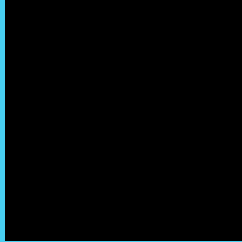
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3542, 0.2216, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 52.3542, 0.2216, 0.2839.

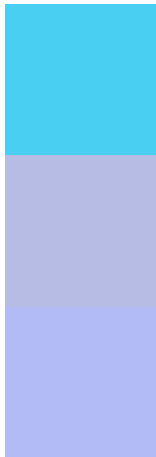


This preview shows how white text looks on a background with the Yxy color 52.3542, 0.2216, 0.2839.

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

52.3542, 0.2216, 0.2839

Protanopia

51.5130, 0.2796, 0.2808

Deuteranopia

51.7782, 0.2661, 0.2600



Tritanopia

52.1487, 0.2260, 0.3055

Trichromacy



Original Color

52.3542, 0.2216, 0.2839

Protanomaly

50.6642, 0.2514, 0.2807

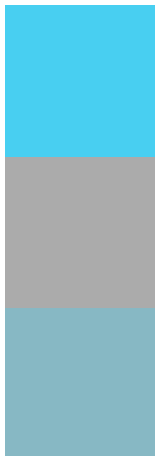
Deuteranomaly

50.6907, 0.2443, 0.2667

Tritanomaly

52.0395, 0.2244, 0.2976

Monochromacy



Original Color

52.3542, 0.2216, 0.2839

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

43.4174, 0.2666, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3542, 0.2216, 0.2839 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(72, 207, 241)` looks like.

```
.text, #text, p{  
    color:rgb(72, 207, 241)  
}
```

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(72, 207, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 207, 241) }
```

Border

The CSS property to change the border of an element to Yxy 52.3542, 0.2216, 0.2839 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(72, 207, 241) }
```

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

```
.border{ border-color:rgb(72, 207, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 207, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 207, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 207, 241);  
box-shadow:4px 4px 4px 4px rgb(72, 207,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3542, 0.2216, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 207, 241) }
```

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

```
.background{ background-color: rgb(72, 207,  
241) }
```

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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