

Converting Colors

$Yxy(55.9542, 0.2232, 0.2735)$

Have a look what the booklet for
Yxy(55.9542, 0.2232, 0.2735)
contains.

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Color

Yxy(56.0838, 0.2234, 0.2738)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CD3FF |
| RGB | 92, 211, 255 |
| RGB Percent | 36%, 83%, 100% |
| CMY | 0.6388, 0.1726, 0.0001 |
| CMYK | 0.64, 0.17, 0.00, 0.00 |
| HSL | 196°, 100%, 68% |
| HSV | 196°, 64%, 100% |
| XYZ | 45.7601, 56.0838, 102.9910 |
| YIQ | 180.4350, -85.0480, -11.5440 |

Conversions

Conversions Part 2

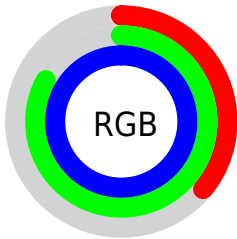
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 92, 161, 255 |
| Decimal | 6083583 |
| CIE Lab | 79.66, -20.45, -31.39 |
| CIE LCh | 80, 37.468, 236.913 |
| Yxy | 56.0838, 0.2234, 0.2738 |
| Android (android.graphics.Color) | 4284273663 (0xFF5CD3FF) |
| YUV | 180.4350, 36.7605, -77.5575 |
| Hunter-Lab | 74.8891, -21.9856, -29.1160 |

Details

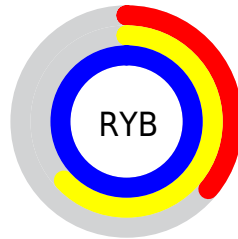
The Yxy color **56.0838, 0.2234, 0.2738** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **39.6557, 0.4872, 0.3717**, and the grayscale version is **45.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8079, 0.2588, 0.3288**, and **27.8542, 0.2053, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **51.6375, 0.2141, 0.2636**, and if you desaturate by 10%, it is **61.1224, 0.2345, 0.2838**.

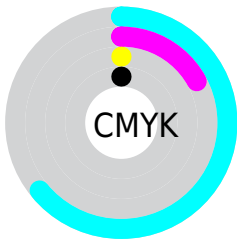
Distribution



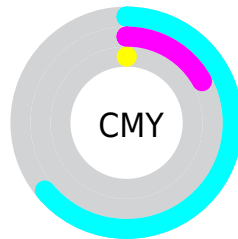
- Red (36%)
- Green (83%)
- Blue (100%)



- Red (36%)
- Yellow (63%)
- Blue (100%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0838, 0.2234, 0.2738 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 56.0838, 0.2234, 0.2738 by changing the saturation by 10% instead.


 56.0838, 0.2234,
0.2738


 56.0838, 0.2234,
0.2738


 410.0072, 0.2648,
0.3011

 40.2701, 0.2141,
0.2672


 99.1271, 0.2377,
0.2836


 27.7492, 0.2027,
0.2589


 127.1255, 0.2433,
0.2873

 18.1367, 0.1884,
0.2483


 159.9542, 0.2481,
0.2905

 11.0482, 0.1703,
0.2341

 197.9978, 0.2523,
0.2932

 6.0992, 0.1466,
0.2144

 241.6404, 0.2560,
0.2956

 2.9055, 0.1153,
0.1861

 291.2666, 0.2593,

 1.0826, 0.0691,

0.2976

0.1446

347.2608, 0.2622,
0.2995

■ 0.0000, 0.0000,
0.0000

■ 56.0838, 0.2234,
0.2738

■ 56.0838, 0.2234,
0.2738

■ 51.6375, 0.2141,
0.2636

■ 61.1224, 0.2345,
0.2838

■ 47.7292, 0.2069,
0.2533

■ 66.7889, 0.2472,
0.2935

■ 44.3026, 0.2016,
0.2431

■ 73.1226, 0.2611,
0.3027

■ 42.3920, 0.1992,
0.2370

■ 80.1572, 0.2759,
0.3113

■ 87.9241, 0.2912,
0.3192

 96.4523, 0.3067,
0.3264

99.9978, 0.3127,
0.3290

Harmonies

Analogous

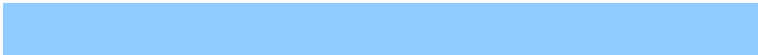
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.0838, 0.2307, 0.3127



56.0838, 0.2234, 0.2738



56.0838, 0.2373, 0.2533

Triad

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



56.0838, 0.2234, 0.2738



56.0838, 0.3668, 0.2974



56.0838, 0.3506, 0.4184

Complementary

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



56.0838, 0.2234, 0.2738



39.6557, 0.4872, 0.3717

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.



56.0838, 0.3908, 0.4052



56.0838, 0.2234, 0.2738



56.0838, 0.4020, 0.3348

Square

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



56.0838, 0.2234, 0.2738



56.0838, 0.3175, 0.2680



56.0838, 0.4106, 0.3736



56.0838, 0.3020, 0.4030

Rectangle

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



56.0838, 0.2234, 0.2738



56.0838, 0.2575, 0.2505



56.0838, 0.4106, 0.3736



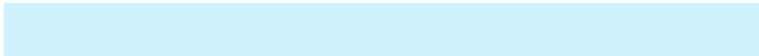
56.0838, 0.3656, 0.4168

Sweetspot

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



56.0858, 0.2234, 0.2738



83.8774, 0.2833, 0.3152



75.5428, 0.2868, 0.4859



17.4847, 0.2789, 0.3129



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.



56.0858, 0.2234, 0.2738



50.3766, 0.2116, 0.2603



25.4910, 0.1980, 0.1657



19.6031, 0.2980, 0.3224



22.4177, 0.1996, 0.2386



2.3637, 0.2028, 0.2502

Inverse Universe

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



33.6284, 0.3652, 0.2162



28.6160, 0.3800, 0.2035



71.6350, 0.4248, 0.4477



18.2117, 0.3180, 0.3118



12.9910, 0.4037, 0.1998



1.2832, 0.3921, 0.1933

Previews

White Background



This preview shows how the Yxy color 56.0838, 0.2234, 0.2738 looks on a white background.

Color Contrast Check

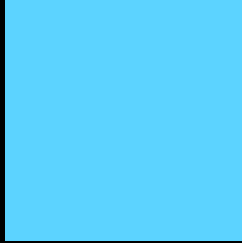
Large Text (above 18pt) WCAG AA × Fail

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 56.0838, 0.2234, 0.2738 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 56.0838, 0.2234, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 56.0838, 0.2234, 0.2738.

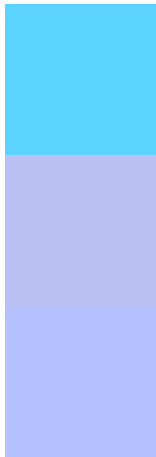


This preview shows how white text looks on a background with the Yxy color 56.0838, 0.2234, 0.2738.

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

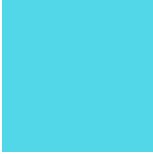
56.0838, 0.2234, 0.2738

Protanopia

55.3689, 0.2727, 0.2722

Deuteranopia

55.3050, 0.2636, 0.2584



Tritanopia

56.1764, 0.2304, 0.3063

Trichromacy



Original Color

56.0838, 0.2234, 0.2738

Protanomaly

54.6033, 0.2502, 0.2721

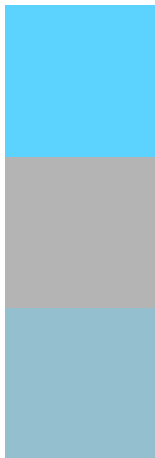
Deuteranomaly

54.9181, 0.2450, 0.2634

Tritanomaly

56.3157, 0.2280, 0.2951

Monochromacy



Original Color

56.0838, 0.2234, 0.2738

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

48.0625, 0.2695, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0838, 0.2234, 0.2738 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(92, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 211, 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(92, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.0838, 0.2234, 0.2738 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(92, 211, 255) }
```

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

```
.border{ border-color:rgb(92, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0838, 0.2234, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 211, 255) }
```

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

```
.background{ background-color: rgb(92, 211,  
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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