

Converting Colors

$Yxy(60.6273, 0.2051, 0.2183)$

Have a look what the booklet for
Yxy(60.6273, 0.2051, 0.2183)
contains.

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Color

Yxy(56.2414, 0.2243, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	5FD3FF
RGB	95, 211, 255
RGB Percent	37%, 83%, 100%
CMY	0.6278, 0.1725, 0.0000
CMYK	0.63, 0.17, 0.00, 0.00
HSL	196°, 100%, 69%
HSV	196°, 63%, 100%
XYZ	46.0568, 56.2414, 103.0374
YIQ	181.3320, -83.2600, -10.9080

Conversions

Conversions Part 2

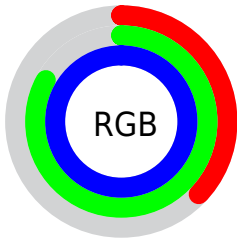
Format	Color
R _Y B	95, 162, 255
Decimal	6280191
CIE Lab	79.75, -20.00, -31.27
CIE LCh	80, 37.114, 237.401
Yxy	56.2414, 0.2243, 0.2739
Android (android.graphics.Color)	4284470271 (0xFF5FD3FF)
YUV	181.3320, 36.3183, -75.7132
Hunter-Lab	74.9943, -21.6165, -28.9647

Details

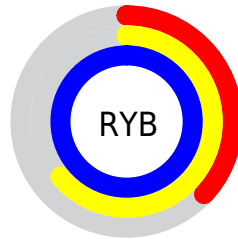
The Yxy color **56.2414, 0.2243, 0.2739** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **40.5225, 0.4823, 0.3721**, and the grayscale version is **46.2206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **27.8542, 0.2053, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **51.6890, 0.2147, 0.2635**, and if you desaturate by 10%, it is **61.3959, 0.2357, 0.2841**.

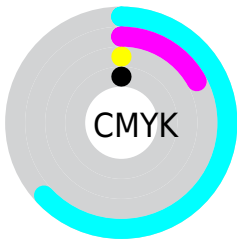
Distribution



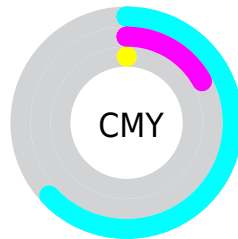
- Red (37%)
- Green (83%)
- Blue (100%)



- Red (37%)
- Yellow (64%)
- Blue (100%)



- Cyan (63%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (63%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2414, 0.2243, 0.2739 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 56.2414, 0.2243, 0.2739 by changing the saturation by 10% instead.


 56.2414, 0.2243,
0.2739

 56.2414, 0.2243,
0.2739


410.6006, 0.2653,
0.3011


 40.3965, 0.2151,
0.2673


 99.3574, 0.2385,
0.2836

 27.8478, 0.2037,
0.2591


 127.3974, 0.2440,
0.2873

 18.2110, 0.1896,
0.2485


 160.2711, 0.2488,
0.2905

 11.1016, 0.1717,
0.2344

 198.3630, 0.2529,
0.2932

 6.1352, 0.1482,
0.2149

242.0576, 0.2566,
0.2956

 2.9275, 0.1170,
0.1867

291.7391, 0.2598,

 1.0940, 0.0715,

0.2977

0.1453

347.7919, 0.2627,
0.2995

0.0000, 0.0000,
0.0000

56.2414, 0.2243,
0.2739

56.2414, 0.2243,
0.2739

51.6890, 0.2147,
0.2635

61.3959, 0.2357,
0.2841

47.6856, 0.2072,
0.2530

67.1881, 0.2486,
0.2939

44.1760, 0.2016,
0.2426

73.6568, 0.2626,
0.3032

41.8891, 0.1987,
0.2352

80.8357, 0.2775,
0.3119

88.7558, 0.2929,
0.3199

97.4460, 0.3084,
0.3271

100.0000, 0.3127,
0.3290

Harmonies

Analogous

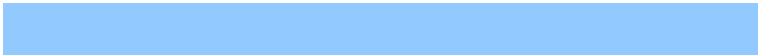
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2414, 0.2312, 0.3122



56.2414, 0.2243, 0.2739



56.2414, 0.2384, 0.2539

Triad

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



56.2414, 0.2243, 0.2739



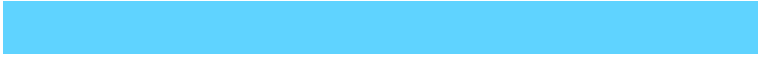
56.2414, 0.3670, 0.2983



56.2414, 0.3495, 0.4174

Complementary

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



56.2414, 0.2243, 0.2739



40.5225, 0.4823, 0.3721

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.



56.2414, 0.3896, 0.4049



56.2414, 0.2243, 0.2739



56.2414, 0.4014, 0.3354

Square

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



56.2414, 0.2243, 0.2739



56.2414, 0.3183, 0.2690



56.2414, 0.4094, 0.3738



56.2414, 0.3014, 0.4017

Rectangle

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



56.2414, 0.2243, 0.2739



56.2414, 0.2586, 0.2513



56.2414, 0.4094, 0.3738



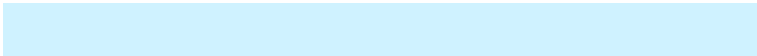
56.2414, 0.3644, 0.4161

Sweetspot

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



56.2433, 0.2243, 0.2739



83.7387, 0.2833, 0.3150



75.7721, 0.2869, 0.4828



17.4509, 0.2789, 0.3126



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.



56.2433, 0.2243, 0.2739



50.7534, 0.2129, 0.2611



26.2244, 0.1999, 0.1689



19.5877, 0.2980, 0.3223



22.1506, 0.1992, 0.2369



2.3395, 0.2024, 0.2487

Inverse Universe

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



34.1334, 0.3649, 0.2182



29.1842, 0.3789, 0.2056



72.0449, 0.4230, 0.4463



18.2102, 0.3180, 0.3119



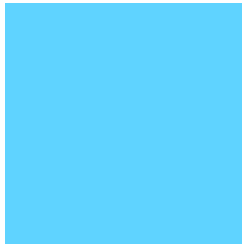
12.9641, 0.4055, 0.2007



1.2807, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 56.2414, 0.2243, 0.2739 looks on a white background.

Color Contrast Check

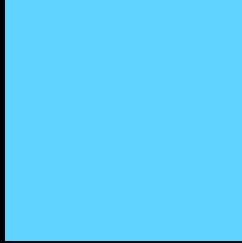
Large Text (above 18pt) WCAG AA × Fail

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 56.2414, 0.2243, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

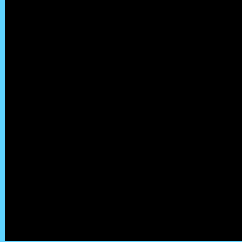
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

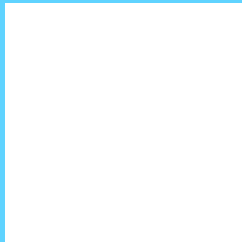
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2414, 0.2243, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 56.2414, 0.2243, 0.2739.

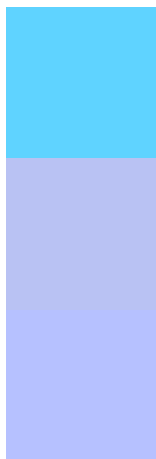


This preview shows how white text looks on a background with the Yxy color 56.2414, 0.2243, 0.2739.

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

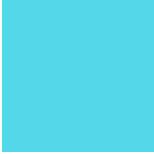
56.2414, 0.2243, 0.2739

Protanopia

55.3689, 0.2727, 0.2722

Deuteranopia

55.3050, 0.2636, 0.2584



Tritanopia

56.3119, 0.2313, 0.3064

Trichromacy



Original Color

56.2414, 0.2243, 0.2739

Protanomaly

54.6994, 0.2507, 0.2722

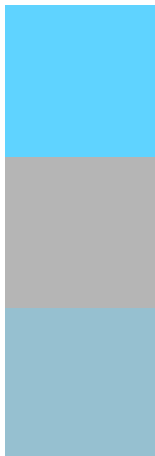
Deuteranomaly

55.0126, 0.2456, 0.2634

Tritanomaly

56.4591, 0.2290, 0.2952

Monochromacy



Original Color

56.2414, 0.2243, 0.2739

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.7374, 0.2703, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2414, 0.2243, 0.2739 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(95, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.2414, 0.2243, 0.2739 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(95, 211, 255) }
```

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

```
.border{ border-color:rgb(95, 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(95, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2414, 0.2243, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 255) }
```

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

```
.background{ background-color: rgb(95, 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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