

Converting Colors

$Yxy(58.4339, 0.2097, 0.2309)$

Have a look what the booklet for
Yxy(58.4339, 0.2097, 0.2309)
contains.

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Color

Yxy(55.2538, 0.2237, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	5FD1FF
RGB	95, 209, 255
RGB Percent	37%, 82%, 100%
CMY	0.6278, 0.1803, 0.0001
CMYK	0.63, 0.18, 0.00, 0.00
HSL	197°, 100%, 69%
HSV	197°, 63%, 100%
XYZ	45.5594, 55.2538, 102.8499
YIQ	180.1580, -82.7100, -9.8620

Conversions

Conversions Part 2

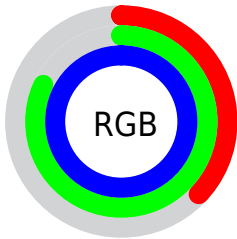
Format	Color
R _Y B	95, 162, 255
Decimal	6279679
CIE Lab	79.19, -18.98, -32.12
CIE LCh	79, 37.310, 239.416
Yxy	55.2538, 0.2237, 0.2713
Android (android.graphics.Color)	4284469759 (0xFF5FD1FF)
YUV	180.1580, 36.8971, -74.6836
Hunter-Lab	74.3329, -20.6780, -30.0029

Details

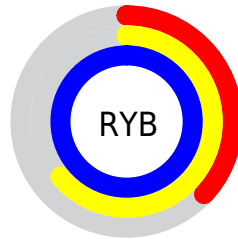
The Yxy color **55.2538, 0.2237, 0.2713** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **41.0936, 0.4807, 0.3741**, and the grayscale version is **45.5521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **27.1884, 0.2043, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **50.5970, 0.2140, 0.2604**, and if you desaturate by 10%, it is **60.5262, 0.2353, 0.2820**.

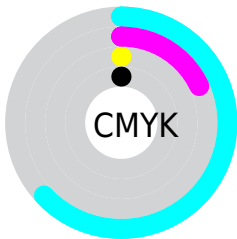
Distribution



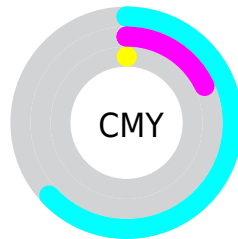
- Red (37%)
- Green (82%)
- Blue (100%)



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



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (63%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2538, 0.2237, 0.2713 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 55.2538, 0.2237, 0.2713 by changing the saturation by 10% instead.

 55.2538, 0.2237,
0.2713


 55.2538, 0.2237,
0.2713

406.8733, 0.2651,
0.2998


 39.6050, 0.2144,
0.2645


 97.9127, 0.2380,
0.2815


 27.2307, 0.2029,
0.2559


 125.6916, 0.2436,
0.2853

 17.7465, 0.1886,
0.2448


 158.2826, 0.2484,
0.2886

 10.7682, 0.1704,
0.2301

 196.0701, 0.2526,
0.2915

 5.9112, 0.1466,
0.2098

239.4385, 0.2563,
0.2940

 2.7911, 0.1150,
0.1808

288.7723, 0.2596,

 1.0237, 0.0681,

0.2961

0.1384

344.4557, 0.2625,
0.2981

■ 0.0000, 0.0000,
0.0000

■ 55.2538, 0.2237,
0.2713

■ 55.2538, 0.2237,
0.2713

■ 50.5970, 0.2140,
0.2604

■ 60.5262, 0.2353,
0.2820

■ 46.5022, 0.2062,
0.2493

■ 66.4497, 0.2483,
0.2923

■ 42.9138, 0.2005,
0.2385

■ 73.0634, 0.2625,
0.3020

■ 40.5766, 0.1974,
0.2307

■ 80.4013, 0.2775,
0.3111

■ 88.4947, 0.2929,
0.3194

97.3728, 0.3084,
0.3270

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



55.2538, 0.2292, 0.3089



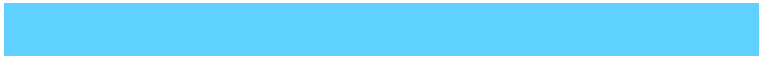
55.2538, 0.2237, 0.2713



55.2538, 0.2393, 0.2525

Triad

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



55.2538, 0.2237, 0.2713



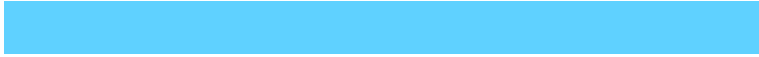
55.2538, 0.3705, 0.3003



55.2538, 0.3467, 0.4184

Complementary

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



55.2538, 0.2237, 0.2713



41.0936, 0.4807, 0.3741

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.



55.2538, 0.3882, 0.4073



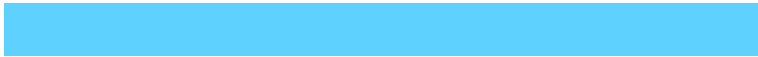
55.2538, 0.2237, 0.2713



55.2538, 0.4039, 0.3381

Square

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



55.2538, 0.2237, 0.2713



55.2538, 0.3217, 0.2700



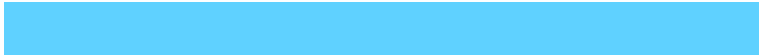
55.2538, 0.4100, 0.3766



55.2538, 0.2980, 0.4004

Rectangle

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



55.2538, 0.2237, 0.2713



55.2538, 0.2605, 0.2507



55.2538, 0.4100, 0.3766



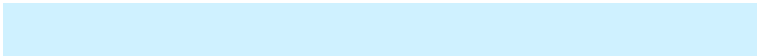
55.2538, 0.3620, 0.4176

Sweetspot

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



55.2558, 0.2237, 0.2713



83.3834, 0.2833, 0.3143



75.8342, 0.2858, 0.4793



17.3644, 0.2789, 0.3119



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.



55.2558, 0.2237, 0.2713



49.6491, 0.2121, 0.2579



25.5052, 0.1992, 0.1655



19.5483, 0.2980, 0.3220



21.4752, 0.1979, 0.2325



2.2782, 0.2013, 0.2448

Inverse Universe

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



34.0292, 0.3672, 0.2199



29.0727, 0.3820, 0.2076



73.4222, 0.4212, 0.4484



18.2062, 0.3182, 0.3122



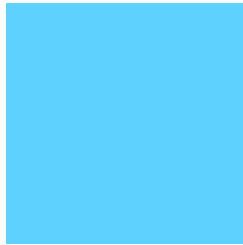
12.8959, 0.4100, 0.2033



1.2745, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 55.2538, 0.2237, 0.2713 looks on a white background.

Color Contrast Check

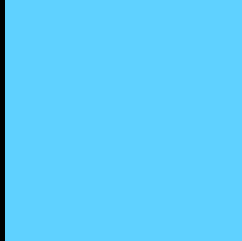
Large Text (above 18pt) WCAG AA × Fail

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 55.2538, 0.2237, 0.2713 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

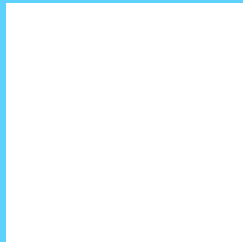
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2538, 0.2237, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 55.2538, 0.2237, 0.2713.



This preview shows how white text looks on a background with the Yxy color 55.2538, 0.2237, 0.2713.

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

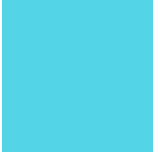
55.2538, 0.2237, 0.2713

Protanopia

54.6783, 0.2713, 0.2708

Deuteranopia

54.6226, 0.2621, 0.2570



Tritanopia

55.1970, 0.2308, 0.3049

Trichromacy



Original Color

55.2538, 0.2237, 0.2713

Protanomaly

54.1416, 0.2500, 0.2708

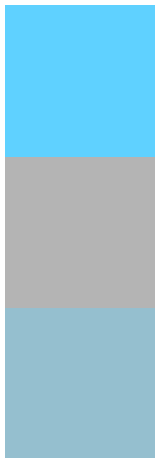
Deuteranomaly

53.9977, 0.2446, 0.2609

Tritanomaly

55.4045, 0.2280, 0.2924

Monochromacy



Original Color

55.2538, 0.2237, 0.2713

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

48.1562, 0.2701, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2538, 0.2237, 0.2713 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 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, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.2538, 0.2237, 0.2713 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, 209, 255) }
```

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

```
.border{ border-color:rgb(95, 209, 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, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2538, 0.2237, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 255) }
```

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

```
.background{ background-color: rgb(95, 209,  
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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