

Converting Colors

$Yxy(55.4045, 0.2390, 0.2664)$

Have a look what the booklet for
Yxy(55.4045, 0.2390, 0.2664)
contains.

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Color

Yxy(55.1661, 0.2390, 0.2660)

Conversions

Conversions Part 1

Format	Color
Hex	88CBFF
RGB	136, 203, 255
RGB Percent	53%, 80%, 100%
CMY	0.4665, 0.2039, 0.0000
CMYK	0.47, 0.20, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 47%, 100%
XYZ	49.5665, 55.1661, 102.6587
YIQ	188.8950, -56.6240, 1.9680

Conversions

Conversions Part 2

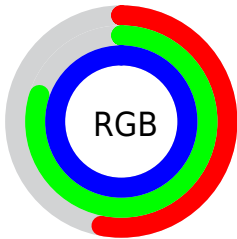
Format	Color
RYB	136, 179, 255
Decimal	8965119
CIELab	79.14, -7.62, -32.08
CIELCh	79, 32.976, 256.648
Yxy	55.1661, 0.2390, 0.2660
Android (android.graphics.Color)	4287155199 (0xFF88CBFF)
YUV	188.8950, 32.5898, -46.3889
Hunter-Lab	74.2739, -10.8577, -29.9568

Details

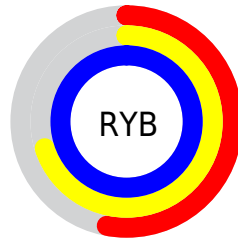
The Yxy color **55.1661, 0.2390, 0.2660** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.0279, 0.4134, 0.3832**, and the grayscale version is **50.6659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **27.1499, 0.2211, 0.2501** is the 20% darker color. If you saturate the color by 10%, you get **48.2014, 0.2245, 0.2495**, and if you desaturate by 10%, it is **63.0190, 0.2545, 0.2817**.

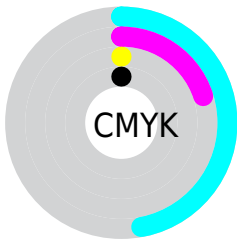
Distribution



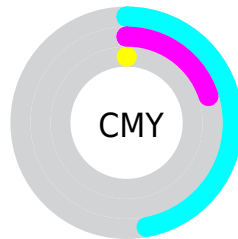
- Red (53%)
- Green (80%)
- Blue (100%)



- Red (53%)
- Yellow (70%)
- Blue (100%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1661, 0.2390, 0.2660 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 55.1661, 0.2390, 0.2660 by changing the saturation by 10% instead.

■ 55.1661, 0.2390,
0.2660

■ 55.1661, 0.2390,
0.2660

406.5412, 0.2737,
0.2963

■ 39.5347, 0.2311,
0.2589

■ 97.7843, 0.2511,
0.2767

■ 27.1760, 0.2213,
0.2500

■ 125.5399, 0.2558,
0.2808

■ 17.7054, 0.2089,
0.2387

158.1056, 0.2598,
0.2843

■ 10.7387, 0.1930,
0.2239

195.8660, 0.2633,
0.2874

■ 5.8914, 0.1717,
0.2037

239.2054, 0.2664,
0.2900

■ 2.7792, 0.1426,
0.1751

288.5081, 0.2691,

■ 1.0176, 0.1016,

0.2924

0.1333

344.1586, 0.2715,
0.2945

0.0000, 0.0000,
0.0000

55.1661, 0.2390,
0.2660

55.1661, 0.2390,
0.2660

48.2014, 0.2245,
0.2495

63.0190, 0.2545,
0.2817

42.0779, 0.2113,
0.2324

71.7984, 0.2705,
0.2962

36.7468, 0.2001,
0.2151

81.5425, 0.2866,
0.3096

32.1510, 0.1910,
0.1981

92.2868, 0.3024,
0.3217

28.2206, 0.1842,
0.1816

100.0000, 0.3127,
0.3290

■ 27.0197, 0.1823,
0.1762

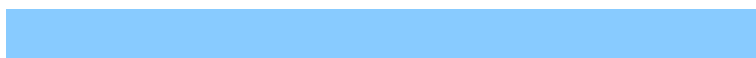
Harmonies

Analogous

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



55.1661, 0.2329, 0.2906



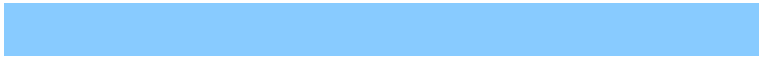
55.1661, 0.2390, 0.2660



55.1661, 0.2633, 0.2588

Triad

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



55.1661, 0.2390, 0.2660



55.1661, 0.3832, 0.3227



55.1661, 0.3185, 0.4015

Complementary

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



55.1661, 0.2390, 0.2660



59.0279, 0.4134, 0.3832

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.



55.1661, 0.3604, 0.4066



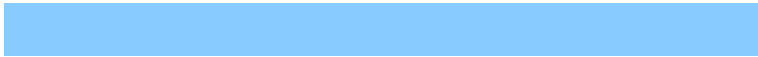
55.1661, 0.2390, 0.2660



55.1661, 0.3996, 0.3579

Square

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



55.1661, 0.2390, 0.2660



55.1661, 0.3465, 0.2908



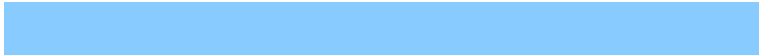
55.1661, 0.3906, 0.3889



55.1661, 0.2769, 0.3720

Rectangle

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



55.1661, 0.2390, 0.2660



55.1661, 0.2880, 0.2632



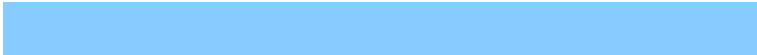
55.1661, 0.3906, 0.3889



55.1661, 0.3330, 0.4061

Sweetspot

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



55.1669, 0.2390, 0.2660



84.2894, 0.2908, 0.3129



80.3714, 0.2814, 0.4116



17.5613, 0.2874, 0.3102



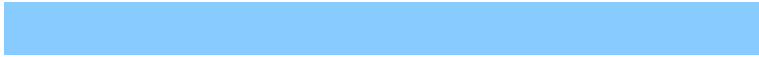
0.0000, 0.0000, 0.0000



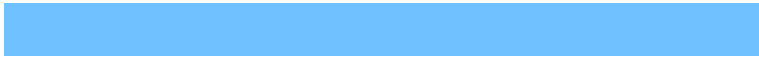
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1669, 0.2390, 0.2660



48.6271, 0.2254, 0.2506



32.3975, 0.2254, 0.1912



19.0741, 0.2979, 0.3183



14.4210, 0.1830, 0.1789



1.6217, 0.1882, 0.1975

Inverse Universe

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



43.1928, 0.3672, 0.2607



36.7235, 0.3835, 0.2487



89.6031, 0.3852, 0.4371



18.1583, 0.3206, 0.3157



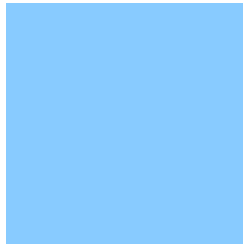
12.1838, 0.4699, 0.2362



1.2083, 0.4481, 0.2242

Previews

White Background



This preview shows how the Yxy color 55.1661, 0.2390, 0.2660 looks on a white background.

Color Contrast Check

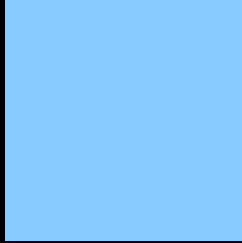
Large Text (above 18pt) WCAG AA × Fail

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 55.1661, 0.2390, 0.2660 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

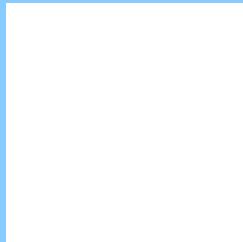
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1661, 0.2390, 0.2660

Background



This preview shows how black text looks on a background with the Yxy color 55.1661, 0.2390, 0.2660.



This preview shows how white text looks on a background with the Yxy color 55.1661, 0.2390, 0.2660.

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

55.1661, 0.2390, 0.2660

Protanopia

54.7410, 0.2670, 0.2654

Deuteranopia

54.7430, 0.2628, 0.2571



Tritanopia

55.0600, 0.2502, 0.3068

Trichromacy



Original Color

55.1661, 0.2390, 0.2660

Protanomaly

54.8969, 0.2557, 0.2654

Deuteranomaly

54.6992, 0.2534, 0.2600

Tritanomaly

54.9446, 0.2458, 0.2909

Monochromacy



Original Color

55.1661, 0.2390, 0.2660

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9337, 0.2812, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1661, 0.2390, 0.2660 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(136, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 203, 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(136, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.1661, 0.2390, 0.2660 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(136, 203, 255) }
```

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

```
.border{ border-color:rgb(136, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1661, 0.2390, 0.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 203, 255) }
```

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

```
.background{ background-color: rgb(136,  
203, 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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