

Converting Colors

$Yxy(55.0006, 0.2530, 0.2763)$

Have a look what the booklet for
Yxy(55.0006, 0.2530, 0.2763)
contains.

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Color

Yxy(55.0772, 0.2530, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	99C9F4
RGB	153, 201, 244
RGB Percent	60%, 79%, 96%
CMY	0.4003, 0.2117, 0.0432
CMYK	0.37, 0.18, 0.00, 0.04
HSL	208°, 81%, 78%
HSV	208°, 37%, 96%
XYZ	50.3415, 55.0772, 93.5596
YIQ	191.5500, -42.4110, 3.1970

Conversions

Conversions Part 2

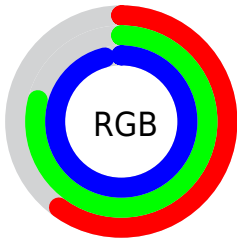
Format	Color
RYB	153, 184, 244
Decimal	10078708
CIELab	79.09, -5.31, -26.20
CIElCh	79, 26.731, 258.547
Yxy	55.0772, 0.2530, 0.2768
Android (android.graphics.Color)	4288268788 (0xFF99C9F4)
YUV	191.5500, 25.8579, -33.8083
Hunter-Lab	74.2140, -8.7928, -22.7955

Details

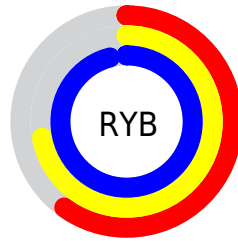
The Yxy color **55.0772, 0.2530, 0.2768** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.9667, 0.3867, 0.3756**, and the grayscale version is **52.2951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **27.0949, 0.2380, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **47.7747, 0.2372, 0.2598**, and if you desaturate by 10%, it is **63.2717, 0.2692, 0.2926**.

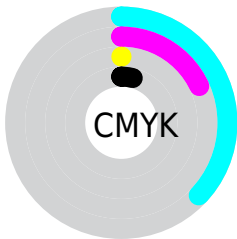
Distribution



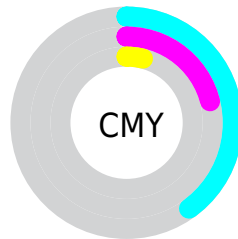
- Red (60%)
- Green (79%)
- Blue (96%)



- Red (60%)
- Yellow (72%)
- Blue (96%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0772, 0.2530, 0.2768 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 55.0772, 0.2530, 0.2768 by changing the saturation by 10% instead.

■ 55.0772, 0.2530,
0.2768

■ 55.0772, 0.2530,
0.2768

406.2045, 0.2814,
0.3020

■ 39.4635, 0.2464,
0.2708

■ 97.6541, 0.2629,
0.2857

■ 27.1205, 0.2382,
0.2634

■ 125.3860, 0.2668,
0.2891

■ 17.6638, 0.2277,
0.2538

157.9262, 0.2701,
0.2921

■ 10.7089, 0.2140,
0.2410

195.6591, 0.2729,
0.2946

■ 5.8714, 0.1954,
0.2234

238.9689, 0.2754,
0.2968

■ 2.7670, 0.1688,
0.1977

288.2402, 0.2776,

■ 1.0114, 0.1292,

0.2987

0.1581

343.8572, 0.2796,
0.3005

0.0000, 0.0000,
0.0000

55.0772, 0.2530,
0.2768

55.0772, 0.2530,
0.2768

47.7747, 0.2372,
0.2598

63.2717, 0.2692,
0.2926

41.3193, 0.2223,
0.2418

72.3877, 0.2855,
0.3071

35.6710, 0.2087,
0.2233

82.4606, 0.3014,
0.3203

30.7829, 0.1971,
0.2047

93.5221, 0.3168,
0.3320

26.6010, 0.1877,
0.1864

99.3113, 0.3191,
0.3396

■ 23.0577, 0.1807,
0.1690

■ 22.1919, 0.1790,
0.1645

Harmonies

Analogous

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



55.0772, 0.2470, 0.2966



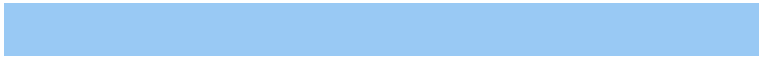
55.0772, 0.2530, 0.2768



55.0772, 0.2742, 0.2712

Triad

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



55.0772, 0.2530, 0.2768



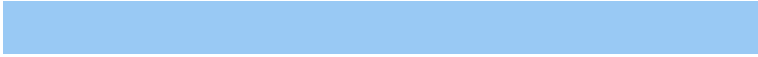
55.0772, 0.3711, 0.3262



55.0772, 0.3157, 0.3860

Complementary

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



55.0772, 0.2530, 0.2768



60.9667, 0.3867, 0.3756

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.



55.0772, 0.3500, 0.3921



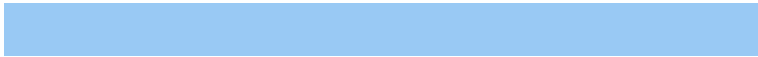
55.0772, 0.2530, 0.2768



55.0772, 0.3832, 0.3552

Square

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



55.0772, 0.2530, 0.2768



55.0772, 0.3424, 0.2992



55.0772, 0.3751, 0.3797



55.0772, 0.2818, 0.3615

Rectangle

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



55.0772, 0.2530, 0.2768



55.0772, 0.2949, 0.2753



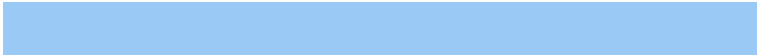
55.0772, 0.3751, 0.3797



55.0772, 0.3275, 0.3903

Sweetspot

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



55.0793, 0.2530, 0.2768



86.9058, 0.2956, 0.3156



75.4226, 0.2850, 0.3881



18.2756, 0.2934, 0.3138



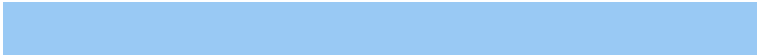
0.0000, 0.0000, 0.0000



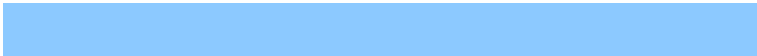
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0793, 0.2530, 0.2768



54.5193, 0.2406, 0.2637



37.0626, 0.2446, 0.2194



17.3754, 0.2980, 0.3175



12.3436, 0.1798, 0.1672



1.2907, 0.1858, 0.1889

Inverse Universe

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



46.2099, 0.3557, 0.2775



44.2992, 0.3686, 0.2669



84.4155, 0.3699, 0.4192



16.6288, 0.3211, 0.3166



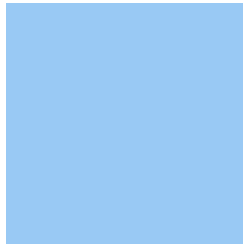
11.3455, 0.4841, 0.2441



1.0179, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 55.0772, 0.2530, 0.2768 looks on a white background.

Color Contrast Check

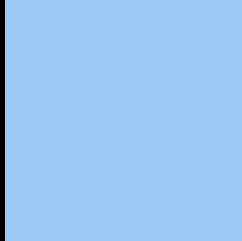
Large Text (above 18pt) WCAG AA × Fail

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 55.0772, 0.2530, 0.2768 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

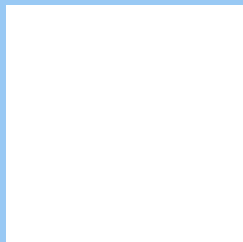
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0772, 0.2530, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 55.0772, 0.2530, 0.2768.



This preview shows how white text looks on a background with the Yxy color 55.0772, 0.2530, 0.2768.

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

55.0772, 0.2530, 0.2768

Protanopia

54.6862, 0.2751, 0.2752

Deuteranopia

54.6068, 0.2727, 0.2659



Tritanopia

55.0861, 0.2627, 0.3085

Trichromacy



Original Color

55.0772, 0.2530, 0.2768

Protanomaly

54.7150, 0.2662, 0.2756

Deuteranomaly

54.7367, 0.2650, 0.2703

Tritanomaly

55.2324, 0.2593, 0.2976

Monochromacy



Original Color

55.0772, 0.2530, 0.2768

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1983, 0.2884, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0772, 0.2530, 0.2768 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(153, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(153, 201, 244)  
}
```

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(153, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 201, 244) }
```

Border

The CSS property to change the border of an element to Yxy 55.0772, 0.2530, 0.2768 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(153, 201, 244) }
```

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

```
.border{ border-color:rgb(153, 201, 244) }
```

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

Here you see how a box with a 4 pixel rgb(153, 201, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(153, 201,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0772, 0.2530, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 201, 244) }
```

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

```
.background{ background-color: rgb(153,  
201, 244) }
```

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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