

Converting Colors

$Yxy(55.2506, 0.2597, 0.2718)$

Have a look what the booklet for
Yxy(55.2506, 0.2597, 0.2718)
contains.

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Color

Yxy(55.2575, 0.2598, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	A7C6F6
RGB	167, 198, 246
RGB Percent	65%, 78%, 96%
CMY	0.3452, 0.2235, 0.0354
CMYK	0.32, 0.20, 0.00, 0.04
HSL	216°, 81%, 81%
HSV	216°, 32%, 96%
XYZ	52.7596, 55.2575, 95.0608
YIQ	194.2030, -33.8840, 8.3560

Conversions

Conversions Part 2

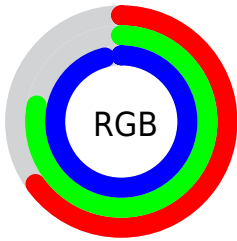
Format	Color
R _Y B	167, 189, 246
Decimal	10995446
CIE Lab	79.19, 0.62, -27.03
CIE LCh	79, 27.039, 271.317
Yxy	55.2575, 0.2598, 0.2721
Android (android.graphics.Color)	4289185526 (0xFFA7C6F6)
YUV	194.2030, 25.5359, -23.8570
Hunter-Lab	74.3354, -3.3963, -23.7858

Details

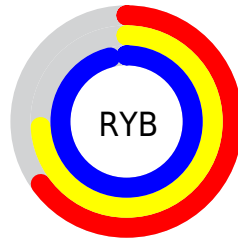
The Yxy color **55.2575, 0.2598, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.9579, 0.3708, 0.3798**, and the grayscale version is **53.9352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **27.1749, 0.2464, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **46.3351, 0.2423, 0.2506**, and if you desaturate by 10%, it is **65.3672, 0.2771, 0.2919**.

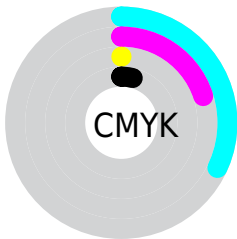
Distribution



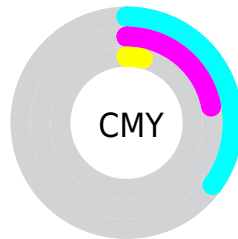
- Red (65%)
- Green (78%)
- Blue (96%)



- Red (65%)
- Yellow (74%)
- Blue (96%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2575, 0.2598, 0.2721 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 55.2575, 0.2598, 0.2721 by changing the saturation by 10% instead.

■ 55.2575, 0.2598,
0.2721

■ 55.2575, 0.2598,
0.2721

■ 406.8873, 0.2851,
0.2992

■ 39.6079, 0.2539,
0.2658

■ 97.9181, 0.2687,
0.2816

■ 27.2330, 0.2465,
0.2579

■ 125.6980, 0.2721,
0.2853

■ 17.7483, 0.2371,
0.2478

■ 158.2900, 0.2750,
0.2885

■ 10.7694, 0.2247,
0.2346

■ 196.0787, 0.2776,
0.2912

■ 5.9120, 0.2077,
0.2164

■ 239.4483, 0.2798,
0.2936

■ 2.7916, 0.1832,
0.1904

■ 288.7834, 0.2818,

■ 1.0239, 0.1461,

0.2957

0.1511

344.4683, 0.2835,
0.2975

0.0000, 0.0000,
0.0000

55.2575, 0.2598,
0.2721

55.2575, 0.2598,
0.2721

46.3351, 0.2423,
0.2506

65.3672, 0.2771,
0.2919

38.5451, 0.2251,
0.2277

76.7030, 0.2937,
0.3098

31.8376, 0.2089,
0.2040

89.3097, 0.3095,
0.3258

26.1553, 0.1943,
0.1803

99.4329, 0.3179,
0.3376

21.4348, 0.1820,
0.1573

■ 17.6024, 0.1725,
0.1361

■ 15.1308, 0.1670,
0.1210

Harmonies

Analogous

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



55.2575, 0.2469, 0.2861



55.2575, 0.2598, 0.2721



55.2575, 0.2867, 0.2726

Triad

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



55.2575, 0.2598, 0.2721



55.2575, 0.3794, 0.3387



55.2575, 0.3005, 0.3780

Complementary

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



55.2575, 0.2598, 0.2721



70.9579, 0.3708, 0.3798

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.



55.2575, 0.3361, 0.3926



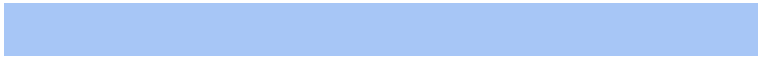
55.2575, 0.2598, 0.2721



55.2575, 0.3829, 0.3669

Square

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



55.2575, 0.2598, 0.2721



55.2575, 0.3566, 0.3098



55.2575, 0.3666, 0.3875



55.2575, 0.2694, 0.3477

Rectangle

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



55.2575, 0.2598, 0.2721



55.2575, 0.3098, 0.2804



55.2575, 0.3666, 0.3875



55.2575, 0.3123, 0.3850

Sweetspot

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



55.2597, 0.2598, 0.2721



85.9956, 0.2971, 0.3133



78.9906, 0.2828, 0.3658



18.0094, 0.2948, 0.3110



0.0000, 0.0000, 0.0000



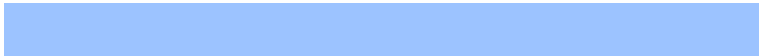
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2597, 0.2598, 0.2721



53.0987, 0.2476, 0.2573



43.3841, 0.2607, 0.2351



16.9944, 0.2980, 0.3142



8.3313, 0.1678, 0.1241



0.9263, 0.1747, 0.1488

Inverse Universe

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



51.2987, 0.3577, 0.2959



48.8087, 0.3716, 0.2885



86.8836, 0.3557, 0.4109



16.5903, 0.3232, 0.3197



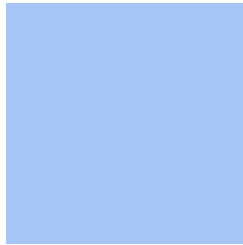
10.9404, 0.5409, 0.2753



0.9812, 0.5075, 0.2569

Previews

White Background



This preview shows how the Yxy color 55.2575, 0.2598, 0.2721 looks on a white background.

Color Contrast Check

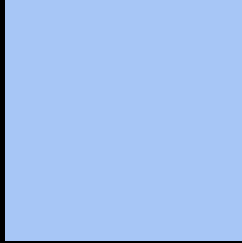
Large Text (above 18pt) WCAG AA × Fail

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 55.2575, 0.2598, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

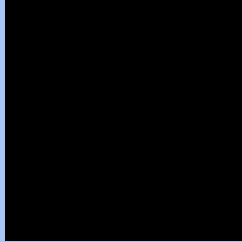
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

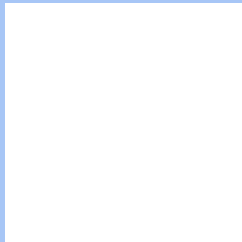
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2575, 0.2598, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 55.2575, 0.2598, 0.2721.



This preview shows how white text looks on a background with the Yxy color 55.2575, 0.2598, 0.2721.

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

55.2575, 0.2598, 0.2721

Protanopia

55.2450, 0.2721, 0.2721

Deuteranopia

55.1060, 0.2722, 0.2660



Tritanopia

55.4034, 0.2723, 0.3089

Trichromacy



Original Color

55.2575, 0.2598, 0.2721

Protanomaly

55.0268, 0.2676, 0.2716

Deuteranomaly

55.0023, 0.2670, 0.2675

Tritanomaly

55.2170, 0.2674, 0.2945

Monochromacy



Original Color

55.2575, 0.2598, 0.2721

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0247, 0.2914, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2575, 0.2598, 0.2721 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(167, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 198, 246)  
}
```

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(167, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 198, 246) }
```

Border

The CSS property to change the border of an element to Yxy 55.2575, 0.2598, 0.2721 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(167, 198, 246) }
```

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

```
.border{ border-color:rgb(167, 198, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 198, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 198, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 198, 246);  
box-shadow:4px 4px 4px 4px rgb(167, 198,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2575, 0.2598, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 198, 246) }
```

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

```
.background{ background-color: rgb(167,  
198, 246) }
```

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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