

Converting Colors

$Yxy(55.1661, 0.2587, 0.2637)$

Have a look what the booklet for
Yxy(55.1661, 0.2587, 0.2637)
contains.

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Color

Yxy(55.1661, 0.2587, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	ABC4FC
RGB	171, 196, 252
RGB Percent	67%, 77%, 99%
CMY	0.3291, 0.2314, 0.0117
CMYK	0.32, 0.22, 0.00, 0.01
HSL	222°, 93%, 83%
HSV	222°, 32%, 99%
XYZ	54.1201, 55.1661, 99.9140
YIQ	194.9090, -32.8760, 12.1160

Conversions

Conversions Part 2

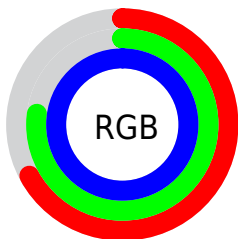
Format	Color
R _Y B	171, 190, 252
Decimal	11257084
CIE Lab	79.14, 4.35, -30.32
CIE LCh	79, 30.632, 278.164
Yxy	55.1661, 0.2587, 0.2637
Android (android.graphics.Color)	4289447164 (0xFFABC4FC)
YUV	194.9090, 28.1459, -20.9682
Hunter-Lab	74.2739, 0.0858, -27.7658

Details

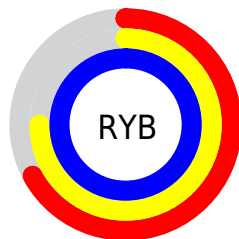
The Yxy color **55.1661, 0.2587, 0.2637** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.6479, 0.3687, 0.3866**, and the grayscale version is **54.3690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3348, 0.2963, 0.3260**, and **26.9991, 0.2448, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **45.1830, 0.2403, 0.2390**, and if you desaturate by 10%, it is **66.6085, 0.2766, 0.2865**.

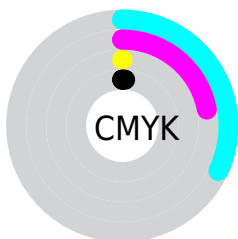
Distribution



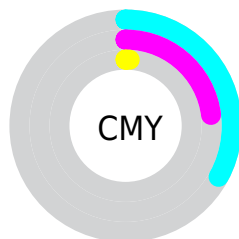
- Red (67%)
- Green (77%)
- Blue (99%)



- Red (67%)
- Yellow (75%)
- Blue (99%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (23%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1661, 0.2587, 0.2637 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, 0.2587, 0.2637 by changing the saturation by 10% instead.

■ 55.1661, 0.2587,
0.2637

■ 55.1661, 0.2587,
0.2637

406.5412, 0.2845,
0.2945

■ 39.5347, 0.2527,
0.2566

■ 97.7843, 0.2678,
0.2745

■ 27.1760, 0.2451,
0.2478

125.5399, 0.2713,
0.2786

■ 17.7054, 0.2355,
0.2367

158.1056, 0.2743,
0.2822

■ 10.7387, 0.2229,
0.2221

195.8660, 0.2769,
0.2853

■ 5.8914, 0.2057,
0.2025

239.2054, 0.2791,
0.2880

■ 2.7792, 0.1811,
0.1750

288.5081, 0.2811,

■ 1.0176, 0.1442,

0.2904

0.1349

344.1586, 0.2829,
0.2926

0.0000, 0.0062,
0.0000

0.0000, 0.0000,
0.0000

55.1661, 0.2587,
0.2637

55.1661, 0.2587,
0.2637

45.1830, 0.2403,
0.2390

66.6085, 0.2766,
0.2865

36.5908, 0.2220,
0.2128

79.5619, 0.2936,
0.3071

29.3248, 0.2046,
0.1860

94.0830, 0.3095,
0.3254

23.3120, 0.1890,
0.1596

99.8101, 0.3144,
0.3318

■ 18.4713, 0.1759,
0.1348

■ 14.7095, 0.1662,
0.1130

■ 12.4144, 0.1607,
0.0984

Harmonies

Analogous

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



55.1661, 0.2405, 0.2753



55.1661, 0.2587, 0.2637



55.1661, 0.2917, 0.2681

Triad

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



55.1661, 0.2587, 0.2637



55.1661, 0.3914, 0.3470



55.1661, 0.2898, 0.3783

Complementary

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



55.1661, 0.2587, 0.2637



78.6479, 0.3687, 0.3866

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, 0.3298, 0.3998



55.1661, 0.2587, 0.2637



55.1661, 0.3898, 0.3778

Square

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



55.1661, 0.2587, 0.2637



55.1661, 0.3700, 0.3143



55.1661, 0.3667, 0.3984



55.1661, 0.2574, 0.3410

Rectangle

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



55.1661, 0.2587, 0.2637



55.1661, 0.3187, 0.2788



55.1661, 0.3667, 0.3984



55.1661, 0.3028, 0.3878

Sweetspot

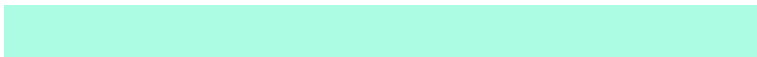
The Sweet Spot groups the original color and five complimentary colors.



55.1683, 0.2587, 0.2637



84.7293, 0.2971, 0.3111



83.8177, 0.2793, 0.3579



17.7043, 0.2948, 0.3084



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.



55.1683, 0.2587, 0.2637



49.4238, 0.2460, 0.2468



46.6124, 0.2654, 0.2362



17.5140, 0.2979, 0.3121



6.6933, 0.1615, 0.1013



0.7991, 0.1679, 0.1245

Inverse Universe

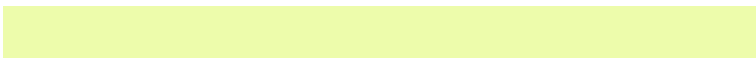
The Inverse Universe completely reimagines the original color for something new.



53.8393, 0.3640, 0.3029



48.4377, 0.3800, 0.2972



90.6187, 0.3511, 0.4123



17.3132, 0.3245, 0.3217



11.0866, 0.5739, 0.2935



1.0449, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 55.1661, 0.2587, 0.2637 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, 0.2587, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

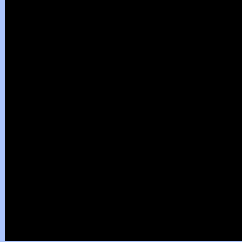
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

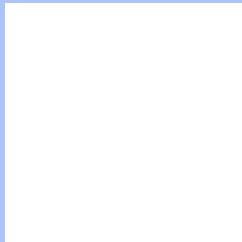
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1661, 0.2587, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 55.1661, 0.2587, 0.2637.



This preview shows how white text looks on a background with the Yxy color 55.1661, 0.2587, 0.2637.

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, 0.2587, 0.2637

Protanopia

54.8658, 0.2658, 0.2633

Deuteranopia

54.9815, 0.2659, 0.2595



Tritanopia

55.1955, 0.2747, 0.3089

Trichromacy



Original Color

55.1661, 0.2587, 0.2637

Protanomaly

54.8957, 0.2627, 0.2630

Deuteranomaly

54.8155, 0.2628, 0.2600

Tritanomaly

55.2372, 0.2692, 0.2923

Monochromacy



Original Color

55.1661, 0.2587, 0.2637

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4272, 0.2909, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1661, 0.2587, 0.2637 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(171, 196, 252)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 252)  
}
```

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(171, 196, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 252) }
```

Border

The CSS property to change the border of an element to Yxy 55.1661, 0.2587, 0.2637 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(171, 196, 252) }
```

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

```
.border{ border-color:rgb(171, 196, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 196, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 196, 252);  
box-shadow:4px 4px 4px 4px rgb(171, 196,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1661, 0.2587, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 252) }
```

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

```
.background{ background-color: rgb(171,  
196, 252) }
```

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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