

Converting Colors

$Yxy(54.8626, 0.2672, 0.2747)$

Have a look what the booklet for
Yxy(54.8626, 0.2672, 0.2747)
contains.

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Color

Yxy(55.0046, 0.2669, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	AFC4F2
RGB	175, 196, 242
RGB Percent	69%, 77%, 95%
CMY	0.3137, 0.2313, 0.0511
CMYK	0.28, 0.19, 0.00, 0.05
HSL	221°, 72%, 82%
HSV	221°, 28%, 95%
XYZ	53.4428, 55.0046, 91.7878
YIQ	194.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

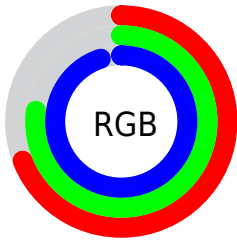
Format	Color
R _Y B	175, 191, 242
Decimal	11519218
CIE Lab	79.04, 3.01, -25.06
CIE LCh	79, 25.244, 276.858
Yxy	55.0046, 0.2669, 0.2747
Android (android.graphics.Color)	4289709298 (0xFFAFC4F2)
YUV	194.9650, 23.1883, -17.5093
Hunter-Lab	74.1651, -1.1632, -21.4626

Details

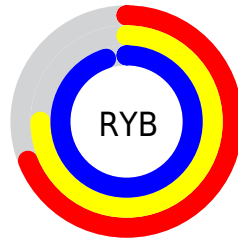
The Yxy color **55.0046, 0.2669, 0.2747** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.6660, 0.3601, 0.3779**, and the grayscale version is **54.4234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6264, 0.2987, 0.3270**, and **26.9561, 0.2549, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **45.3706, 0.2488, 0.2511**, and if you desaturate by 10%, it is **65.9741, 0.2844, 0.2963**.

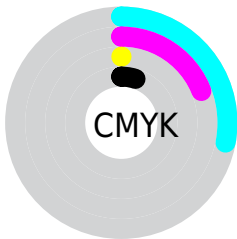
Distribution



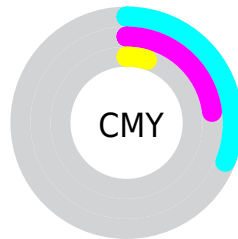
- Red (69%)
- Green (77%)
- Blue (95%)



- Red (69%)
- Yellow (75%)
- Blue (95%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0046, 0.2669, 0.2747 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 55.0046, 0.2669, 0.2747 by changing the saturation by 10% instead.

■ 55.0046, 0.2669,
0.2747

■ 55.0046, 0.2669,
0.2747

405.9294, 0.2889,
0.3005

■ 39.4054, 0.2617,
0.2687

■ 97.5477, 0.2747,
0.2838

■ 27.0753, 0.2552,
0.2611

125.2604, 0.2777,
0.2873

■ 17.6297, 0.2469,
0.2515

157.7797, 0.2802,
0.2903

■ 10.6845, 0.2358,
0.2389

195.4900, 0.2824,
0.2929

■ 5.8551, 0.2205,
0.2215

238.7758, 0.2843,
0.2952

■ 2.7572, 0.1981,
0.1964

288.0213, 0.2860,

■ 1.0063, 0.1631,

0.2972

0.1580

343.6110, 0.2876,
0.2989

0.0000, 0.0000,
0.0000

55.0046, 0.2669,
0.2747

55.0046, 0.2669,
0.2747

45.3706, 0.2488,
0.2511

65.9741, 0.2844,
0.2963

37.0117, 0.2304,
0.2258

78.3229, 0.3009,
0.3156

29.8726, 0.2127,
0.1994

92.1009, 0.3162,
0.3328

23.8907, 0.1962,
0.1729

99.1896, 0.3203,
0.3415

18.9972, 0.1820,
0.1474

■ 15.1143, 0.1707,
0.1242

■ 12.1469, 0.1627,
0.1043

■ 11.5647, 0.1612,
0.1002

Harmonies

Analogous

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



55.0046, 0.2521, 0.2854



55.0046, 0.2669, 0.2747



55.0046, 0.2942, 0.2776

Triad

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



55.0046, 0.2669, 0.2747



55.0046, 0.3771, 0.3434



55.0046, 0.2954, 0.3703

Complementary

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



55.0046, 0.2669, 0.2747



73.6660, 0.3601, 0.3779

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.



55.0046, 0.3287, 0.3872



55.0046, 0.2669, 0.2747



55.0046, 0.3769, 0.3690

Square

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



55.0046, 0.2669, 0.2747



55.0046, 0.3588, 0.3159



55.0046, 0.3587, 0.3859



55.0046, 0.2678, 0.3405

Rectangle

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



55.0046, 0.2669, 0.2747



55.0046, 0.3164, 0.2863



55.0046, 0.3587, 0.3859



55.0046, 0.3063, 0.3778

Sweetspot

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



55.0068, 0.2669, 0.2747



87.7240, 0.3003, 0.3150



77.8142, 0.2835, 0.3533



18.3073, 0.2979, 0.3122



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.



55.0068, 0.2669, 0.2747



55.9048, 0.2571, 0.2622



47.6688, 0.2732, 0.2508



16.0377, 0.2980, 0.3123



6.4287, 0.1620, 0.1031



0.7061, 0.1692, 0.1290

Inverse Universe

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



53.5189, 0.3543, 0.3063



54.3716, 0.3655, 0.3017



83.3607, 0.3459, 0.4003



15.8405, 0.3244, 0.3216



10.4423, 0.5713, 0.2921



0.8860, 0.5340, 0.2716

Previews

White Background



This preview shows how the Yxy color 55.0046, 0.2669, 0.2747 looks on a white background.

Color Contrast Check

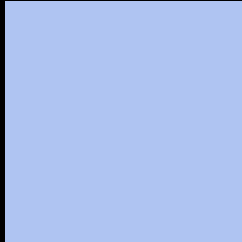
Large Text (above 18pt) WCAG AA × Fail

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 55.0046, 0.2669, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

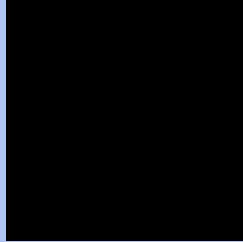
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

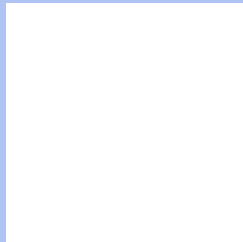
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0046, 0.2669, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 55.0046, 0.2669, 0.2747.



This preview shows how white text looks on a background with the Yxy color 55.0046, 0.2669, 0.2747.

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

55.0046, 0.2669, 0.2747

Protanopia

54.7455, 0.2745, 0.2742

Deuteranopia

54.6798, 0.2759, 0.2692



Tritanopia

54.8125, 0.2798, 0.3090

Trichromacy



Original Color

55.0046, 0.2669, 0.2747

Protanomaly

54.7582, 0.2712, 0.2739

Deuteranomaly

54.9253, 0.2726, 0.2710

Tritanomaly

55.0537, 0.2754, 0.2972

Monochromacy



Original Color

55.0046, 0.2669, 0.2747

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4750, 0.2951, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0046, 0.2669, 0.2747 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(175, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(175, 196, 242)  
}
```

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(175, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 196, 242) }
```

Border

The CSS property to change the border of an element to Yxy 55.0046, 0.2669, 0.2747 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(175, 196, 242) }
```

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

```
.border{ border-color:rgb(175, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(175, 196,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0046, 0.2669, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 196, 242) }
```

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

```
.background{ background-color: rgb(175,  
196, 242) }
```

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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