

Converting Colors

$Yxy(55.3799, 0.2707, 0.2861)$

Have a look what the booklet for
Yxy(55.3799, 0.2707, 0.2861)
contains.

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Color

Yxy(55.2129, 0.2705, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	ADC6EA
RGB	173, 198, 234
RGB Percent	68%, 78%, 92%
CMY	0.3217, 0.2235, 0.0822
CMYK	0.26, 0.15, 0.00, 0.08
HSL	215°, 59%, 80%
HSV	215°, 26%, 92%
XYZ	52.2754, 55.2129, 85.7665
YIQ	194.6290, -26.4560, 5.8960

Conversions

Conversions Part 2

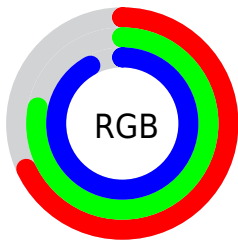
Format	Color
RYB	173, 191, 234
Decimal	11388650
CIELab	79.16, -0.53, -20.63
CIELCh	79, 20.638, 268.531
Yxy	55.2129, 0.2705, 0.2857
Android (android.graphics.Color)	4289578730 (0xFFADC6EA)
YUV	194.6290, 19.4099, -18.9686
Hunter-Lab	74.3054, -4.4559, -16.4213

Details

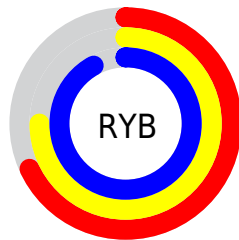
The Yxy color **55.2129, 0.2705, 0.2857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1049, 0.3586, 0.3687**, and the grayscale version is **54.2334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **27.0828, 0.2596, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **46.7515, 0.2533, 0.2659**, and if you desaturate by 10%, it is **64.7211, 0.2873, 0.3038**.

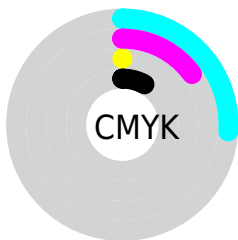
Distribution



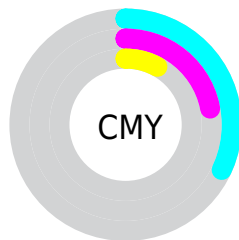
- Red (68%)
- Green (78%)
- Blue (92%)



- Red (68%)
- Yellow (75%)
- Blue (92%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2129, 0.2705, 0.2857 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 55.2129, 0.2705, 0.2857 by changing the saturation by 10% instead.

■ 55.2129, 0.2705,
0.2857

■ 55.2129, 0.2705,
0.2857

406.7185, 0.2908,
0.3065

■ 39.5722, 0.2657,
0.2808

■ 97.8528, 0.2777,
0.2931

■ 27.2052, 0.2597,
0.2746

125.6208, 0.2804,
0.2959

■ 17.7274, 0.2520,
0.2666

158.2001, 0.2828,
0.2983

■ 10.7544, 0.2417,
0.2560

195.9749, 0.2848,
0.3004

■ 5.9020, 0.2274,
0.2412

239.3298, 0.2866,
0.3022

■ 2.7856, 0.2062,
0.2192

288.6491, 0.2881,

■ 1.0208, 0.1723,

0.3038

0.1840

344.3172, 0.2895,
0.3052

0.0000, 0.0000,
0.0000

55.2129, 0.2705,
0.2857

55.2129, 0.2705,
0.2857

46.7515, 0.2533,
0.2659

64.7211, 0.2873,
0.3038

39.2907, 0.2361,
0.2445

75.3067, 0.3034,
0.3200

32.7900, 0.2195,
0.2220

87.0073, 0.3185,
0.3344

27.2034, 0.2040,
0.1989

97.5950, 0.3251,
0.3476

22.4801, 0.1905,
0.1760

98.7223, 0.3250,
0.3493

■ 18.5629, 0.1794,
0.1541

■ 15.3838, 0.1712,
0.1340

■ 14.3073, 0.1685,
0.1266

Harmonies

Analogous

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



55.2129, 0.2615, 0.2980



55.2129, 0.2705, 0.2857



55.2129, 0.2906, 0.2848

Triad

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



55.2129, 0.2705, 0.2857



55.2129, 0.3624, 0.3349



55.2129, 0.3062, 0.3675

Complementary

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



55.2129, 0.2705, 0.2857



66.1049, 0.3586, 0.3687

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.



55.2129, 0.3334, 0.3774



55.2129, 0.2705, 0.2857



55.2129, 0.3666, 0.3569

Square

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



55.2129, 0.2705, 0.2857



55.2129, 0.3441, 0.3124



55.2129, 0.3558, 0.3729



55.2129, 0.2815, 0.3457

Rectangle

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



55.2129, 0.2705, 0.2857



55.2129, 0.3082, 0.2902



55.2129, 0.3558, 0.3729



55.2129, 0.3154, 0.3723

Sweetspot

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



55.2151, 0.2705, 0.2857



88.8960, 0.3003, 0.3170



72.3261, 0.2886, 0.3591



18.6014, 0.2979, 0.3146



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.



55.2151, 0.2705, 0.2857



61.7391, 0.2618, 0.2759



45.2851, 0.2713, 0.2551



15.5637, 0.2980, 0.3147



8.2711, 0.1693, 0.1295



0.8346, 0.1769, 0.1568

Inverse Universe

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



51.4474, 0.3459, 0.3013



56.8636, 0.3545, 0.2956



78.5275, 0.3484, 0.3950



15.1565, 0.3229, 0.3194



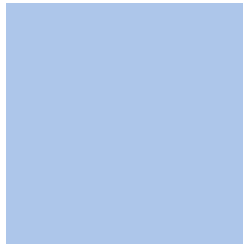
10.3278, 0.5333, 0.2712



0.8297, 0.4972, 0.2512

Previews

White Background



This preview shows how the Yxy color 55.2129, 0.2705, 0.2857 looks on a white background.

Color Contrast Check

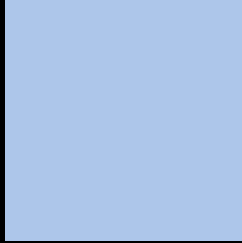
Large Text (above 18pt) WCAG AA × Fail

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 55.2129, 0.2705, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

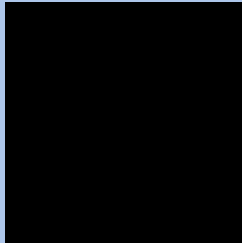
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

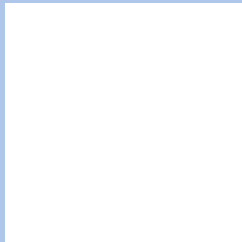
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2129, 0.2705, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 55.2129, 0.2705, 0.2857.



This preview shows how white text looks on a background with the Yxy color 55.2129, 0.2705, 0.2857.

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

55.2129, 0.2705, 0.2857

Protanopia

55.0445, 0.2824, 0.2854

Deuteranopia

54.8619, 0.2846, 0.2782



Tritanopia

55.2181, 0.2786, 0.3090

Trichromacy



Original Color

55.2129, 0.2705, 0.2857

Protanomaly

54.9237, 0.2783, 0.2851

Deuteranomaly

55.1465, 0.2791, 0.2810

Tritanomaly

55.1823, 0.2754, 0.3007

Monochromacy



Original Color

55.2129, 0.2705, 0.2857

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6481, 0.2965, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2129, 0.2705, 0.2857 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(173, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 234)  
}
```

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(173, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 234) }
```

Border

The CSS property to change the border of an element to Yxy 55.2129, 0.2705, 0.2857 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(173, 198, 234) }
```

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

```
.border{ border-color:rgb(173, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 198, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 198, 234); box-shadow:4px 4px 4px 4px rgb(173, 198, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2129, 0.2705, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 234) }
```

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

```
.background{ background-color: rgb(173,  
198, 234) }
```

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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