

Converting Colors

Yxy(56.1348, 0.2695, 0.2914)

Have a look what the booklet for
Yxy(56.1348, 0.2695, 0.2914)
contains.

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Color

Yxy(56.0345, 0.2695, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	A9C9E8
RGB	169, 201, 232
RGB Percent	66%, 79%, 91%
CMY	0.3371, 0.2118, 0.0901
CMYK	0.27, 0.13, 0.00, 0.09
HSL	210°, 58%, 79%
HSV	210°, 27%, 91%
XYZ	51.8233, 56.0345, 84.4363
YIQ	194.9660, -29.0230, 2.8570

Conversions

Conversions Part 2

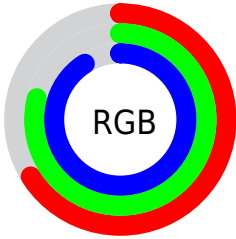
Format	Color
R _Y B	169, 190, 232
Decimal	11127272
CIE Lab	79.63, -3.74, -18.86
CIE LCh	80, 19.228, 258.790
Yxy	56.0345, 0.2695, 0.2914
Android (android.graphics.Color)	4289317352 (0xFFA9C9E8)
YUV	194.9660, 18.2578, -22.7722
Hunter-Lab	74.8562, -7.4220, -14.4786

Details

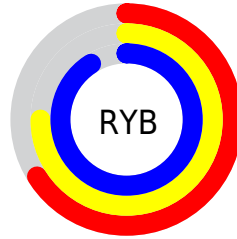
The Yxy color **56.0345, 0.2695, 0.2914** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.3664, 0.3624, 0.3638**, and the grayscale version is **54.4607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **27.6469, 0.2584, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **48.5607, 0.2531, 0.2749**, and if you desaturate by 10%, it is **64.3648, 0.2858, 0.3065**.

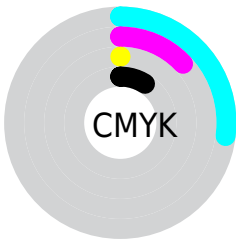
Distribution



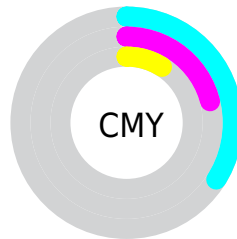
- Red (66%)
- Green (79%)
- Blue (91%)



- Red (66%)
- Yellow (75%)
- Blue (91%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0345, 0.2695, 0.2914 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 56.0345, 0.2695, 0.2914 by changing the saturation by 10% instead.

■ 56.0345, 0.2695,
0.2914

■ 56.0345, 0.2695,
0.2914

■ 409.8215, 0.2901,
0.3096

■ 40.2306, 0.2646,
0.2871

■ 99.0550, 0.2768,
0.2979

■ 27.7184, 0.2586,
0.2816

■ 127.0404, 0.2796,
0.3003

■ 18.1135, 0.2507,
0.2745

■ 159.8551, 0.2820,
0.3024

■ 11.0315, 0.2404,
0.2651

■ 197.8834, 0.2841,
0.3043

■ 6.0880, 0.2259,
0.2518

■ 241.5099, 0.2859,
0.3058

■ 2.8987, 0.2046,
0.2318

■ 291.1187, 0.2875,

■ 1.0791, 0.1708,

0.3072

0.1992

347.0945, 0.2889,
0.3085

0.0000, 0.0000,
0.0000

56.0345, 0.2695,
0.2914

56.0345, 0.2695,
0.2914

48.5607, 0.2531,
0.2749

64.3648, 0.2858,
0.3065

41.9040, 0.2371,
0.2572

73.5755, 0.3017,
0.3201

36.0314, 0.2219,
0.2385

83.6976, 0.3170,
0.3324

30.9048, 0.2080,
0.2192

93.4351, 0.3270,
0.3434

26.4814, 0.1960,
0.1998

98.6069, 0.3262,
0.3512

■ 22.7127, 0.1863,
0.1808

■ 19.5377, 0.1790,
0.1628

■ 18.7130, 0.1772,
0.1578

Harmonies

Analogous

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



56.0345, 0.2649, 0.3061



56.0345, 0.2695, 0.2914



56.0345, 0.2852, 0.2870

Triad

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



56.0345, 0.2695, 0.2914



56.0345, 0.3544, 0.3276



56.0345, 0.3150, 0.3689

Complementary

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



56.0345, 0.2695, 0.2914



61.3664, 0.3624, 0.3638

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.



56.0345, 0.3396, 0.3739



56.0345, 0.2695, 0.2914



56.0345, 0.3630, 0.3487

Square

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



56.0345, 0.2695, 0.2914



56.0345, 0.3343, 0.3075



56.0345, 0.3573, 0.3659



56.0345, 0.2906, 0.3518

Rectangle

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



56.0345, 0.2695, 0.2914



56.0345, 0.3004, 0.2899



56.0345, 0.3573, 0.3659



56.0345, 0.3235, 0.3721

Sweetspot

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



56.0367, 0.2695, 0.2914



90.0880, 0.3003, 0.3190



70.3067, 0.2913, 0.3683



18.9011, 0.2979, 0.3170



0.0000, 0.0000, 0.0000



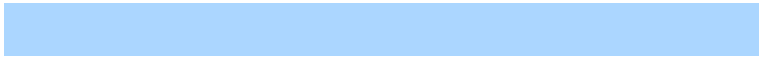
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0367, 0.2695, 0.2914



63.7212, 0.2596, 0.2816



43.0548, 0.2656, 0.2523



15.0897, 0.2981, 0.3171



10.6404, 0.1780, 0.1606



0.9722, 0.1852, 0.1868

Inverse Universe

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



49.7695, 0.3421, 0.2935



55.1607, 0.3509, 0.2852



77.1553, 0.3539, 0.3957



14.4894, 0.3213, 0.3171



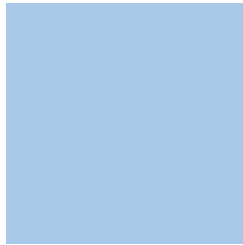
10.2719, 0.4923, 0.2486



0.7778, 0.4605, 0.2311

Previews

White Background



This preview shows how the Yxy color 56.0345, 0.2695, 0.2914 looks on a white background.

Color Contrast Check

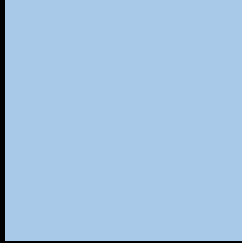
Large Text (above 18pt) WCAG AA × Fail

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 56.0345, 0.2695, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

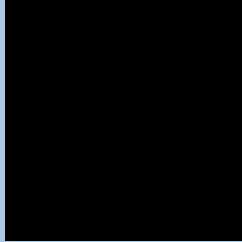
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

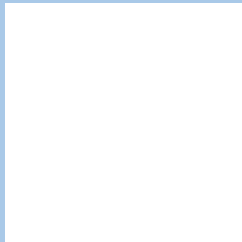
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0345, 0.2695, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 56.0345, 0.2695, 0.2914.



This preview shows how white text looks on a background with the Yxy color 56.0345, 0.2695, 0.2914.

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

56.0345, 0.2695, 0.2914

Protanopia

55.7080, 0.2865, 0.2902

Deuteranopia

55.6456, 0.2875, 0.2807



Tritanopia

55.9333, 0.2755, 0.3090

Trichromacy



Original Color

56.0345, 0.2695, 0.2914

Protanomaly

55.6569, 0.2803, 0.2909

Deuteranomaly

55.4782, 0.2804, 0.2843

Tritanomaly

55.8384, 0.2731, 0.3019

Monochromacy



Original Color

56.0345, 0.2695, 0.2914

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9257, 0.2964, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0345, 0.2695, 0.2914 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(169, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 232)  
}
```

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(169, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.0345, 0.2695, 0.2914 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(169, 201, 232) }
```

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

```
.border{ border-color:rgb(169, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0345, 0.2695, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 232) }
```

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

```
.background{ background-color: rgb(169,  
201, 232) }
```

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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