

Converting Colors

Yxy(54.1515, 0.2671, 0.2885)

Have a look what the booklet for
Yxy(54.1515, 0.2671, 0.2885)
contains.

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Color

Yxy(54.1570, 0.2671, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	A5C6E7
RGB	165, 198, 231
RGB Percent	65%, 78%, 91%
CMY	0.3528, 0.2235, 0.0941
CMYK	0.29, 0.14, 0.00, 0.09
HSL	210°, 58%, 78%
HSV	210°, 29%, 91%
XYZ	50.1398, 54.1570, 83.4224
YIQ	191.8950, -30.2610, 3.2670

Conversions

Conversions Part 2

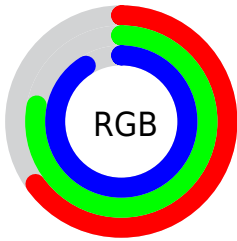
Format	Color
R _Y B	165, 187, 231
Decimal	10864359
CIE Lab	78.55, -3.55, -19.99
CIE LCh	79, 20.299, 259.917
Yxy	54.1570, 0.2671, 0.2885
Android (android.graphics.Color)	4289054439 (0xFFA5C6E7)
YUV	191.8950, 19.2788, -23.5869
Hunter-Lab	73.5914, -7.1682, -15.6965

Details

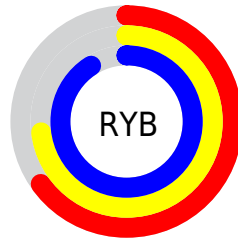
The Yxy color **54.1570, 0.2671, 0.2885** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1166, 0.3653, 0.3663**, and the grayscale version is **52.5503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **26.4212, 0.2553, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **46.8171, 0.2507, 0.2715**, and if you desaturate by 10%, it is **62.3519, 0.2835, 0.3041**.

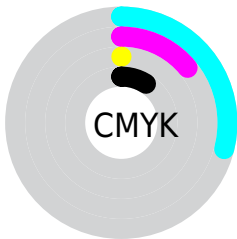
Distribution



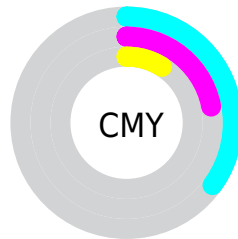
- Red (65%)
- Green (78%)
- Blue (91%)



- Red (65%)
- Yellow (73%)
- Blue (91%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1570, 0.2671, 0.2885 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 54.1570, 0.2671, 0.2885 by changing the saturation by 10% instead.

■ 54.1570, 0.2671,
0.2885

■ 54.1570, 0.2671,
0.2885

402.7084, 0.2890,
0.3082

■ 38.7272, 0.2619,
0.2838

■ 96.3047, 0.2748,
0.2955

■ 26.5476, 0.2554,
0.2779

■ 123.7914, 0.2778,
0.2982

■ 17.2337, 0.2471,
0.2702

156.0659, 0.2804,
0.3005

■ 10.4013, 0.2359,
0.2598

193.5125, 0.2826,
0.3024

■ 5.6658, 0.2204,
0.2452

236.5157, 0.2845,
0.3041

■ 2.6430, 0.1974,
0.2233

285.4598, 0.2862,

■ 0.9483, 0.1609,

0.3056

0.1876

340.7292, 0.2877,
0.3070

0.0000, 0.0000,
0.0000

54.1570, 0.2671,
0.2885

54.1570, 0.2671,
0.2885

46.8171, 0.2507,
0.2715

62.3519, 0.2835,
0.3041

40.2928, 0.2346,
0.2534

71.4263, 0.2995,
0.3181

34.5505, 0.2195,
0.2342

81.4116, 0.3149,
0.3307

29.5513, 0.2058,
0.2146

91.8715, 0.3279,
0.3420

25.2519, 0.1940,
0.1949

98.5504, 0.3268,
0.3522

■ 21.6026, 0.1845,
0.1758

■ 18.5344, 0.1774,
0.1578

■ 18.1297, 0.1765,
0.1553

Harmonies

Analogous

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



54.1570, 0.2618, 0.3037



54.1570, 0.2671, 0.2885



54.1570, 0.2842, 0.2843

Triad

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



54.1570, 0.2671, 0.2885



54.1570, 0.3579, 0.3283



54.1570, 0.3141, 0.3713

Complementary

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



54.1570, 0.2671, 0.2885



60.1166, 0.3653, 0.3663

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.



54.1570, 0.3404, 0.3770



54.1570, 0.2671, 0.2885



54.1570, 0.3665, 0.3507

Square

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



54.1570, 0.2671, 0.2885



54.1570, 0.3367, 0.3069



54.1570, 0.3598, 0.3689



54.1570, 0.2882, 0.3525

Rectangle

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



54.1570, 0.2671, 0.2885



54.1570, 0.3005, 0.2877



54.1570, 0.3598, 0.3689



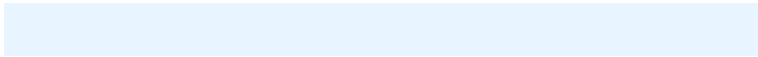
54.1570, 0.3232, 0.3748

Sweetspot

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



54.1592, 0.2671, 0.2885



88.7953, 0.2987, 0.3175



69.2405, 0.2896, 0.3693



18.6370, 0.2964, 0.3155



0.0000, 0.0000, 0.0000



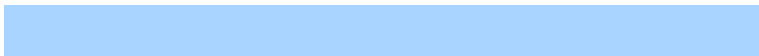
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1592, 0.2671, 0.2885



62.4750, 0.2579, 0.2791



40.6914, 0.2626, 0.2462



15.0710, 0.2981, 0.3169



10.4106, 0.1773, 0.1581



0.9551, 0.1846, 0.1845

Inverse Universe

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



47.9876, 0.3446, 0.2921



54.1105, 0.3530, 0.2845



76.8694, 0.3558, 0.4003



14.4875, 0.3214, 0.3173



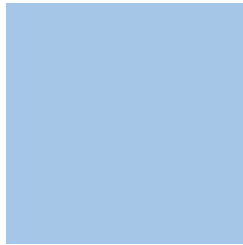
10.2487, 0.4956, 0.2504



0.7761, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 54.1570, 0.2671, 0.2885 looks on a white background.

Color Contrast Check

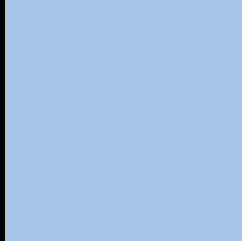
Large Text (above 18pt) WCAG AA × Fail

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 54.1570, 0.2671, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

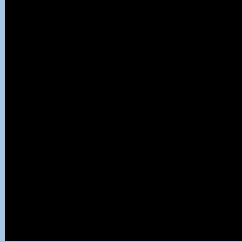
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

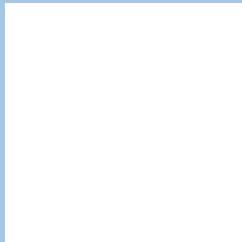
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1570, 0.2671, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 54.1570, 0.2671, 0.2885.



This preview shows how white text looks on a background with the Yxy color 54.1570, 0.2671, 0.2885.

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

54.1570, 0.2671, 0.2885

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

54.1794, 0.2851, 0.2790



Tritanopia

53.9478, 0.2744, 0.3087

Trichromacy



Original Color

54.1570, 0.2671, 0.2885

Protanomaly

53.7687, 0.2779, 0.2880

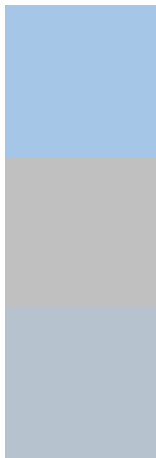
Deuteranomaly

54.0334, 0.2781, 0.2826

Tritanomaly

53.8538, 0.2719, 0.3014

Monochromacy



Original Color

54.1570, 0.2671, 0.2885

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9849, 0.2947, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1570, 0.2671, 0.2885 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(165, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 231)  
}
```

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(165, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 231) }
```

Border

The CSS property to change the border of an element to Yxy 54.1570, 0.2671, 0.2885 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(165, 198, 231) }
```

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

```
.border{ border-color:rgb(165, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1570, 0.2671, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 231) }
```

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

```
.background{ background-color: rgb(165,  
198, 231) }
```

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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