

Converting Colors

Yxy(56.2364, 0.2619, 0.2967)

Have a look what the booklet for
Yxy(56.2364, 0.2619, 0.2967)
contains.

Yxy(56.4007, 0.2619, 0.2968)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4007, 0.2619, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	9BCDE7
RGB	155, 205, 231
RGB Percent	61%, 80%, 91%
CMY	0.3922, 0.1960, 0.0941
CMYK	0.33, 0.11, 0.00, 0.09
HSL	201°, 61%, 76%
HSV	201°, 33%, 91%
XYZ	49.7687, 56.4007, 83.8599
YIQ	193.0140, -38.1460, -2.5140

Conversions

Conversions Part 2

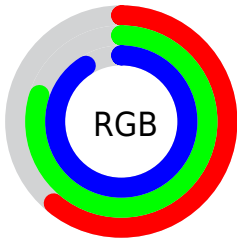
Format	Color
R _{YB}	155, 185, 231
Decimal	10210791
CIE Lab	79.84, -10.11, -18.08
CIE LCh	80, 20.716, 240.804
Yxy	56.4007, 0.2619, 0.2968
Android (android.graphics.Color)	4288400871 (0xFF9BCDE7)
YUV	193.0140, 18.7271, -33.3383
Hunter-Lab	75.1004, -13.1346, -13.6352

Details

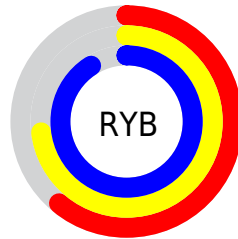
The Yxy color **56.4007, 0.2619, 0.2968** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.3879, 0.3794, 0.3589**, and the grayscale version is **53.2405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **27.9951, 0.2496, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **50.6489, 0.2472, 0.2852**, and if you desaturate by 10%, it is **62.7848, 0.2772, 0.3076**.

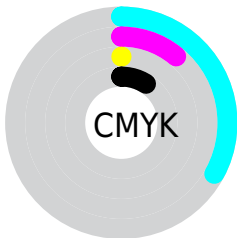
Distribution



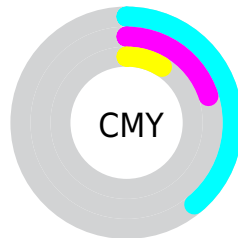
- Red (61%)
- Green (80%)
- Blue (91%)



- Red (61%)
- Yellow (73%)
- Blue (91%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4007, 0.2619, 0.2968 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 56.4007, 0.2619, 0.2968 by changing the saturation by 10% instead.

■ 56.4007, 0.2619,
0.2968

■ 56.4007, 0.2619,
0.2968

■ 411.1998, 0.2860,
0.3126

■ 40.5243, 0.2563,
0.2930

■ 99.5902, 0.2704,
0.3025

■ 27.9476, 0.2492,
0.2881

■ 127.6721, 0.2737,
0.3046

■ 18.2861, 0.2402,
0.2818

■ 160.5912, 0.2765,
0.3065

■ 11.1556, 0.2283,
0.2732

■ 198.7320, 0.2789,
0.3080

■ 6.1716, 0.2119,
0.2609

■ 242.4789, 0.2810,
0.3094

■ 2.9497, 0.1880,
0.2423

■ 292.2162, 0.2829,

■ 1.1055, 0.1506,

0.3106

0.2110

348.3284, 0.2845,
0.3117

0.0000, 0.0000,
0.0000

56.4007, 0.2619,
0.2968

56.4007, 0.2619,
0.2968

50.6489, 0.2472,
0.2852

62.7848, 0.2772,
0.3076

45.4948, 0.2335,
0.2728

69.8202, 0.2927,
0.3176

40.9104, 0.2212,
0.2599

77.5333, 0.3082,
0.3266

36.8619, 0.2107,
0.2468

85.9467, 0.3235,
0.3346

33.3106, 0.2021,
0.2335

92.0272, 0.3279,
0.3422

■ 30.2104, 0.1956,
0.2205

■ 96.8945, 0.3270,
0.3498

■ 28.2351, 0.1921,
0.2114

■ 98.5492, 0.3268,
0.3522

Harmonies

Analogous

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



56.4007, 0.2648, 0.3179



56.4007, 0.2619, 0.2968



56.4007, 0.2718, 0.2854

Triad

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



56.4007, 0.2619, 0.2968



56.4007, 0.3457, 0.3141



56.4007, 0.3314, 0.3770

Complementary

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



56.4007, 0.2619, 0.2968



52.3879, 0.3794, 0.3589

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.



56.4007, 0.3543, 0.3736



56.4007, 0.2619, 0.2968



56.4007, 0.3631, 0.3366

Square

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



56.4007, 0.2619, 0.2968



56.4007, 0.3196, 0.2957



56.4007, 0.3662, 0.3583



56.4007, 0.3042, 0.3660

Rectangle

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



56.4007, 0.2619, 0.2968



56.4007, 0.2847, 0.2841



56.4007, 0.3662, 0.3583



56.4007, 0.3399, 0.3774

Sweetspot

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



56.4029, 0.2619, 0.2968



90.0441, 0.2972, 0.3202



67.4239, 0.2937, 0.3932



18.9886, 0.2950, 0.3189



0.0000, 0.0000, 0.0000



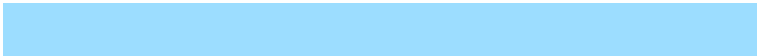
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4029, 0.2619, 0.2968



65.9575, 0.2526, 0.2895



40.6118, 0.2558, 0.2481



15.4631, 0.2981, 0.3208



16.0691, 0.1926, 0.2134



1.3584, 0.1979, 0.2323

Inverse Universe

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



44.8325, 0.3396, 0.2734



50.1068, 0.3464, 0.2626



69.6660, 0.3663, 0.3986



14.5271, 0.3190, 0.3136



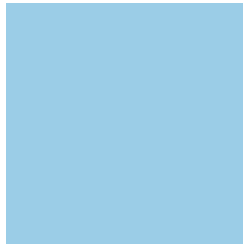
10.8199, 0.4304, 0.2144



0.8168, 0.4103, 0.2034

Previews

White Background



This preview shows how the Yxy color 56.4007, 0.2619, 0.2968 looks on a white background.

Color Contrast Check

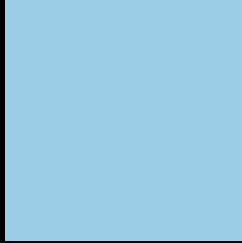
Large Text (above 18pt) WCAG AA × Fail

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 56.4007, 0.2619, 0.2968 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 56.4007, 0.2619, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 56.4007, 0.2619, 0.2968.



This preview shows how white text looks on a background with the Yxy color 56.4007, 0.2619, 0.2968.

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

56.4007, 0.2619, 0.2968

Protanopia

56.2536, 0.2900, 0.2949

Deuteranopia

56.2226, 0.2883, 0.2820



Tritanopia

56.2426, 0.2654, 0.3075

Trichromacy



Original Color

56.4007, 0.2619, 0.2968

Protanomaly

55.9766, 0.2790, 0.2953

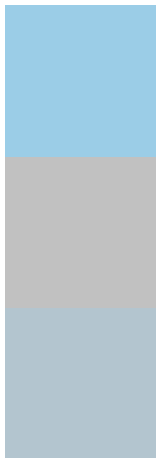
Deuteranomaly

55.8830, 0.2778, 0.2864

Tritanomaly

56.5036, 0.2643, 0.3040

Monochromacy



Original Color

56.4007, 0.2619, 0.2968

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0212, 0.2919, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4007, 0.2619, 0.2968 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(155, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(155, 205, 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(155, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 205, 231) }
```

Border

The CSS property to change the border of an element to Yxy 56.4007, 0.2619, 0.2968 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(155, 205, 231) }
```

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

```
.border{ border-color:rgb(155, 205, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 205, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(155, 205,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4007, 0.2619, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 205, 231) }
```

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

```
.background{ background-color: rgb(155,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor