

Converting Colors

$Yxy(56.2687, 0.2585, 0.2886)$

Have a look what the booklet for
Yxy(56.2687, 0.2585, 0.2886)
contains.

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Color

Yxy(56.2687, 0.2585, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCED
RGB	155, 204, 237
RGB Percent	61%, 80%, 93%
CMY	0.3919, 0.2000, 0.0707
CMYK	0.35, 0.14, 0.00, 0.07
HSL	204°, 69%, 77%
HSV	204°, 35%, 93%
XYZ	50.4001, 56.2687, 88.3025
YIQ	193.1110, -39.7970, -0.1250

Conversions

Conversions Part 2

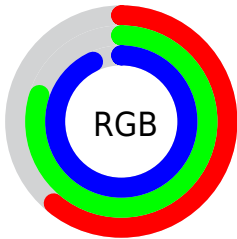
Format	Color
R _{YB}	155, 186, 237
Decimal	10210541
CIE _{Lab}	79.77, -8.09, -21.39
CIE _{LCh}	80, 22.872, 249.297
Y _{xy}	56.2687, 0.2585, 0.2886
Android (android.graphics.Color)	4288400621 (0xFF9BCCED)
YUV	193.1110, 21.6373, -33.4233
Hunter-Lab	75.0125, -11.3396, -17.2857

Details

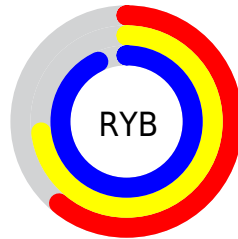
The Yxy color **56.2687, 0.2585, 0.2886** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.3462, 0.3820, 0.3659**, and the grayscale version is **53.2912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **27.9156, 0.2453, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **49.7544, 0.2433, 0.2745**, and if you desaturate by 10%, it is **63.5252, 0.2742, 0.3017**.

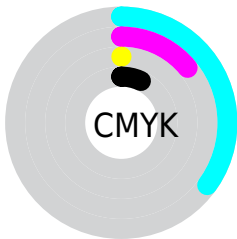
Distribution



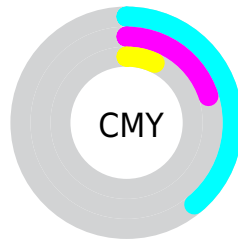
- Red (61%)
- Green (80%)
- Blue (93%)



- Red (61%)
- Yellow (73%)
- Blue (93%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)




- Cyan (39%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2687, 0.2585, 0.2886 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 56.2687, 0.2585, 0.2886 by changing the saturation by 10% instead.


 56.2687, 0.2585,
0.2886

 56.2687, 0.2585,
0.2886

410.7033, 0.2842,
0.3083

 40.4184, 0.2525,
0.2839


 99.3973, 0.2675,
0.2956

 27.8649, 0.2450,
0.2779


 127.4445, 0.2710,
0.2983

 18.2239, 0.2355,
0.2703


160.3260, 0.2740,
0.3006

 11.1108, 0.2230,
0.2599

198.4263, 0.2766,
0.3025

 6.1414, 0.2057,
0.2454

242.1298, 0.2788,
0.3042

 2.9313, 0.1809,
0.2237

291.8209, 0.2808,

 1.0960, 0.1430,

0.3057

0.1887

347.8839, 0.2826,
0.3071

0.0000, 0.0000,
0.0000

56.2687, 0.2585,
0.2886

56.2687, 0.2585,
0.2886

49.7544, 0.2433,
0.2745

63.5252, 0.2742,
0.3017

43.9438, 0.2290,
0.2597

71.5470, 0.2900,
0.3136

38.8042, 0.2161,
0.2442

80.3640, 0.3057,
0.3244

34.2967, 0.2049,
0.2284

90.0024, 0.3209,
0.3341

30.3769, 0.1958,
0.2127

96.7996, 0.3235,
0.3432

■ 26.9916, 0.1889,
0.1973

■ 98.8928, 0.3232,
0.3464

■ 25.3351, 0.1859,
0.1892

Harmonies

Analogous

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



56.2687, 0.2576, 0.3092



56.2687, 0.2585, 0.2886



56.2687, 0.2730, 0.2797

Triad

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



56.2687, 0.2585, 0.2886



56.2687, 0.3560, 0.3192



56.2687, 0.3248, 0.3804

Complementary

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



56.2687, 0.2585, 0.2886



56.3462, 0.3820, 0.3659

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.



56.2687, 0.3523, 0.3808



56.2687, 0.2585, 0.2886



56.2687, 0.3711, 0.3443

Square

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



56.2687, 0.2585, 0.2886



56.2687, 0.3289, 0.2974



56.2687, 0.3696, 0.3669



56.2687, 0.2950, 0.3641

Rectangle

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



56.2687, 0.2585, 0.2886



56.2687, 0.2891, 0.2807



56.2687, 0.3696, 0.3669



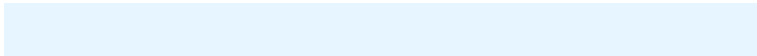
56.2687, 0.3347, 0.3824

Sweetspot

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



56.2709, 0.2585, 0.2886



89.1053, 0.2972, 0.3187



71.1488, 0.2898, 0.3900



18.7611, 0.2949, 0.3171



0.0000, 0.0000, 0.0000



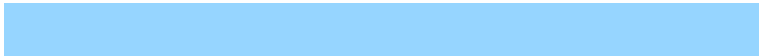
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2709, 0.2585, 0.2886



61.2929, 0.2484, 0.2794



39.3681, 0.2515, 0.2360



16.0457, 0.2981, 0.3193



14.0997, 0.1866, 0.1917



1.2949, 0.1924, 0.2126

Inverse Universe

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



45.8195, 0.3460, 0.2755



48.0164, 0.3548, 0.2653



76.2847, 0.3675, 0.4075



15.2052, 0.3199, 0.3150



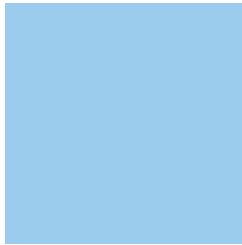
10.9162, 0.4548, 0.2279



0.8761, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 56.2687, 0.2585, 0.2886 looks on a white background.

Color Contrast Check

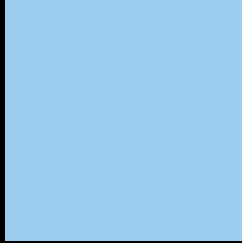
Large Text (above 18pt) WCAG AA × Fail

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 56.2687, 0.2585, 0.2886 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 56.2687, 0.2585, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 56.2687, 0.2585, 0.2886.



This preview shows how white text looks on a background with the Yxy color 56.2687, 0.2585, 0.2886.

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

56.2687, 0.2585, 0.2886

Protanopia

55.7469, 0.2839, 0.2868

Deuteranopia

55.9740, 0.2821, 0.2763



Tritanopia

56.1457, 0.2647, 0.3075

Trichromacy



Original Color

56.2687, 0.2585, 0.2886

Protanomaly

55.6185, 0.2738, 0.2872

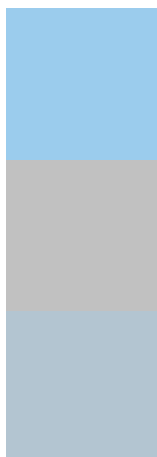
Deuteranomaly

55.8088, 0.2727, 0.2807

Tritanomaly

56.0364, 0.2624, 0.3002

Monochromacy



Original Color

56.2687, 0.2585, 0.2886

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1197, 0.2905, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2687, 0.2585, 0.2886 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, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 237)  
}
```

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, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 237) }
```

Border

The CSS property to change the border of an element to Yxy 56.2687, 0.2585, 0.2886 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, 204, 237) }
```

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

```
.border{ border-color:rgb(155, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2687, 0.2585, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 237) }
```

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

```
.background{ background-color: rgb(155,  
204, 237) }
```

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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