

Converting Colors

$Yxy(56.5962, 0.2734, 0.2885)$

Have a look what the booklet for
Yxy(56.5962, 0.2734, 0.2885)
contains.

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Color

Yxy(56.5962, 0.2734, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	B1C8EA
RGB	177, 200, 234
RGB Percent	69%, 78%, 92%
CMY	0.3060, 0.2157, 0.0823
CMYK	0.24, 0.15, 0.00, 0.08
HSL	216°, 58%, 81%
HSV	216°, 24%, 92%
XYZ	53.6340, 56.5962, 85.9438
YIQ	196.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

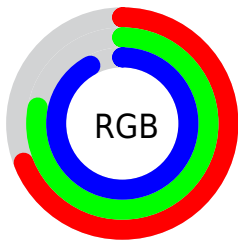
Format	Color
R _Y B	177, 193, 234
Decimal	11651306
CIE Lab	79.95, -0.41, -19.40
CIE LCh	80, 19.404, 268.795
Yxy	56.5962, 0.2734, 0.2885
Android (android.graphics.Color)	4289841386 (0xFFB1C8EA)
YUV	196.9990, 18.2415, -17.5391
Hunter-Lab	75.2304, -4.3954, -15.0720

Details

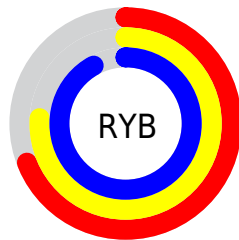
The Yxy color **56.5962, 0.2734, 0.2885** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.2453, 0.3550, 0.3664**, and the grayscale version is **55.7327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **27.9831, 0.2633, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **47.9120, 0.2562, 0.2688**, and if you desaturate by 10%, it is **66.3458, 0.2901, 0.3064**.

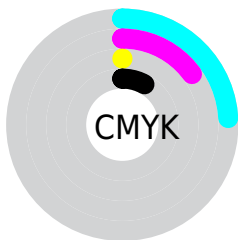
Distribution



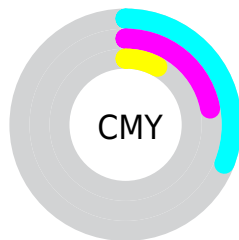
- Red (69%)
- Green (78%)
- Blue (92%)



- Red (69%)
- Yellow (76%)
- Blue (92%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (31%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5962, 0.2734, 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 56.5962, 0.2734, 0.2885 by changing the saturation by 10% instead.

■ 56.5962, 0.2734,
0.2885

■ 56.5962, 0.2734,
0.2885

411.9345, 0.2922,
0.3079

■ 40.6811, 0.2690,
0.2839

■ 99.8758, 0.2800,
0.2954

■ 28.0700, 0.2634,
0.2782

128.0090, 0.2826,
0.2980

■ 18.3784, 0.2563,
0.2708

160.9838, 0.2848,
0.3002

■ 11.2220, 0.2468,
0.2609

199.1845, 0.2867,
0.3022

■ 6.2164, 0.2335,
0.2472

242.9956, 0.2883,
0.3039

■ 2.9771, 0.2140,
0.2269

292.8013, 0.2898,

■ 1.1198, 0.1826,

0.3054

0.1943

348.9861, 0.2911,
0.3067

0.0000, 0.0000,
0.0000

56.5962, 0.2734,
0.2885

56.5962, 0.2734,
0.2885

47.9120, 0.2562,
0.2688

66.3458, 0.2901,
0.3064

40.2466, 0.2389,
0.2474

77.1914, 0.3060,
0.3225

33.5599, 0.2220,
0.2248

89.1706, 0.3210,
0.3368

27.8057, 0.2062,
0.2015

98.7209, 0.3250,
0.3493

22.9337, 0.1923,
0.1783

■ 18.8871, 0.1807,
0.1560

■ 15.5998, 0.1719,
0.1354

■ 14.0349, 0.1680,
0.1248

Harmonies

Analogous

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



56.5962, 0.2648, 0.3000



56.5962, 0.2734, 0.2885



56.5962, 0.2923, 0.2876

Triad

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



56.5962, 0.2734, 0.2885



56.5962, 0.3591, 0.3348



56.5962, 0.3065, 0.3646

Complementary

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



56.5962, 0.2734, 0.2885



67.2453, 0.3550, 0.3664

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.



56.5962, 0.3319, 0.3740



56.5962, 0.2734, 0.2885



56.5962, 0.3629, 0.3553

Square

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



56.5962, 0.2734, 0.2885



56.5962, 0.3421, 0.3137



56.5962, 0.3528, 0.3701



56.5962, 0.2834, 0.3444

Rectangle

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



56.5962, 0.2734, 0.2885



56.5962, 0.3088, 0.2927



56.5962, 0.3528, 0.3701



56.5962, 0.3150, 0.3692

Sweetspot

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



56.5985, 0.2734, 0.2885



90.1675, 0.3019, 0.3184



72.8601, 0.2901, 0.3569



19.1249, 0.3009, 0.3175



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.



56.5985, 0.2734, 0.2885



63.5948, 0.2652, 0.2793



47.2901, 0.2745, 0.2606



15.5475, 0.2980, 0.3146



8.1180, 0.1688, 0.1276



0.8217, 0.1764, 0.1550

Inverse Universe

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



53.1008, 0.3435, 0.3036



59.0268, 0.3514, 0.2983



78.7234, 0.3460, 0.3905



15.1549, 0.3230, 0.3195



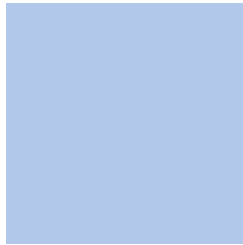
10.3123, 0.5359, 0.2726



0.8284, 0.4995, 0.2525

Previews

White Background



This preview shows how the Yxy color 56.5962, 0.2734, 0.2885 looks on a white background.

Color Contrast Check

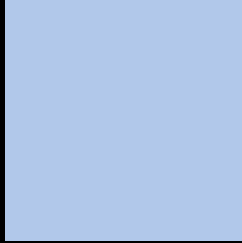
Large Text (above 18pt) WCAG AA × Fail

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 56.5962, 0.2734, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

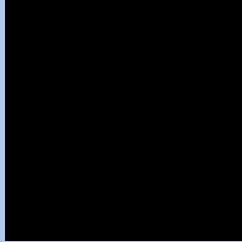
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

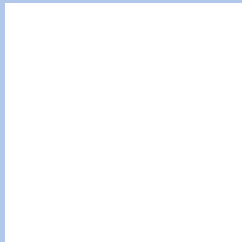
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5962, 0.2734, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 56.5962, 0.2734, 0.2885.



This preview shows how white text looks on a background with the Yxy color 56.5962, 0.2734, 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

56.5962, 0.2734, 0.2885

Protanopia

56.3257, 0.2846, 0.2881

Deuteranopia

56.2802, 0.2876, 0.2809



Tritanopia

56.8250, 0.2809, 0.3094

Trichromacy



Original Color

56.5962, 0.2734, 0.2885

Protanomaly

56.1978, 0.2805, 0.2878

Deuteranomaly

56.5544, 0.2821, 0.2837

Tritanomaly

56.7368, 0.2784, 0.3023

Monochromacy



Original Color

56.5962, 0.2734, 0.2885

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9885, 0.2980, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5962, 0.2734, 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(177, 200, 234)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 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(177, 200, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 234) }
```

Border

The CSS property to change the border of an element to Yxy 56.5962, 0.2734, 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(177, 200, 234) }
```

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

```
.border{ border-color:rgb(177, 200, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 234);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5962, 0.2734, 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(177, 200, 234) }
```

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

```
.background{ background-color: rgb(177,  
200, 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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