

Converting Colors

$Y_{xy}(56.1979, 0.2681, 0.2853)$

Have a look what the booklet for
Yxy(56.1979, 0.2681, 0.2853)
contains.

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Color

Yxy(56.0809, 0.2677, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	ABC8ED
RGB	171, 200, 237
RGB Percent	67%, 78%, 93%
CMY	0.3295, 0.2157, 0.0706
CMYK	0.28, 0.16, 0.00, 0.07
HSL	214°, 65%, 80%
HSV	214°, 28%, 93%
XYZ	52.7322, 56.0809, 88.1693
YIQ	195.5470, -29.1610, 5.3590

Conversions

Conversions Part 2

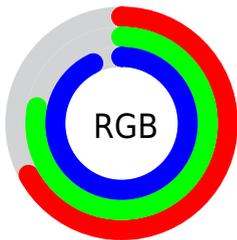
Format	Color
RYB	171, 191, 237
Decimal	11258093
CIELab	79.66, -1.48, -21.48
CIELCh	80, 21.536, 266.066
Yxy	56.0809, 0.2677, 0.2847
Android (android.graphics.Color)	4289448173 (0xFFABC8ED)
YUV	195.5470, 20.4363, -21.5277
Hunter-Lab	74.8872, -5.3609, -17.3848

Details

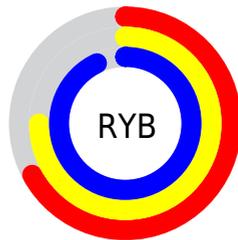
The Yxy color **56.0809, 0.2677, 0.2847** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0473, 0.3627, 0.3695**, and the grayscale version is **54.8048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **27.6759, 0.2562, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **47.7689, 0.2507, 0.2656**, and if you desaturate by 10%, it is **65.4090, 0.2844, 0.3021**.

Distribution



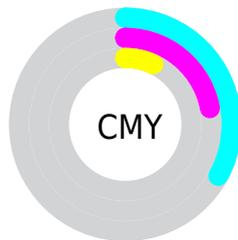
- Red (67%)
- Green (78%)
- Blue (93%)



- Red (67%)
- Yellow (75%)
- Blue (93%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0809, 0.2677, 0.2847 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 56.0809, 0.2677, 0.2847 by changing the saturation by 10% instead.

■ 56.0809, 0.2677,
0.2847

■ 56.0809, 0.2677,
0.2847

409.9963, 0.2892,
0.3060

■ 40.2678, 0.2626,
0.2797

■ 99.1229, 0.2753,
0.2922

■ 27.7474, 0.2563,
0.2734

127.1205, 0.2782,
0.2951

■ 18.1353, 0.2482,
0.2653

159.9484, 0.2807,
0.2976

■ 11.0472, 0.2375,
0.2545

197.9910, 0.2829,
0.2997

■ 6.0986, 0.2226,
0.2395

241.6327, 0.2847,
0.3016

■ 2.9051, 0.2008,
0.2174

291.2579, 0.2864,

■ 1.0824, 0.1665,

0.3032

0.1824

347.2510, 0.2879,
0.3047

0.0000, 0.0000,
0.0000

56.0809, 0.2677,
0.2847

56.0809, 0.2677,
0.2847

47.7689, 0.2507,
0.2656

65.4090, 0.2844,
0.3021

40.4272, 0.2339,
0.2452

75.7830, 0.3006,
0.3178

34.0160, 0.2178,
0.2237

87.2399, 0.3159,
0.3319

28.4899, 0.2031,
0.2016

97.7093, 0.3234,
0.3446

23.7981, 0.1903,
0.1798

98.8947, 0.3232,
0.3464

■ 19.8830, 0.1801,
0.1588

■ 16.6712, 0.1724,
0.1395

■ 16.0543, 0.1710,
0.1355

Harmonies

Analogous

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



56.0809, 0.2595, 0.2983



56.0809, 0.2677, 0.2847



56.0809, 0.2877, 0.2828

Triad

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



56.0809, 0.2677, 0.2847



56.0809, 0.3632, 0.3330



56.0809, 0.3082, 0.3704

Complementary

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



56.0809, 0.2677, 0.2847



66.0473, 0.3627, 0.3695

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.



56.0809, 0.3364, 0.3794



56.0809, 0.2677, 0.2847



56.0809, 0.3690, 0.3561

Square

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



56.0809, 0.2677, 0.2847



56.0809, 0.3432, 0.3101



56.0809, 0.3589, 0.3735



56.0809, 0.2821, 0.3485

Rectangle

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



56.0809, 0.2677, 0.2847



56.0809, 0.3056, 0.2878



56.0809, 0.3589, 0.3735



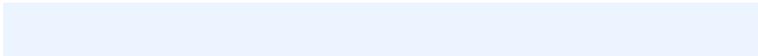
56.0809, 0.3178, 0.3751

Sweetspot

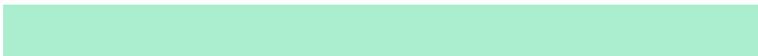
The Sweet Spot groups the original color and five complimentary colors.



56.0831, 0.2677, 0.2847



89.2560, 0.3003, 0.3176



73.7470, 0.2883, 0.3642



18.6918, 0.2979, 0.3153



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.



56.0831, 0.2677, 0.2847



60.8970, 0.2587, 0.2748



44.2656, 0.2664, 0.2490



15.6387, 0.2980, 0.3154



9.0163, 0.1718, 0.1385



0.8967, 0.1792, 0.1653

Inverse Universe

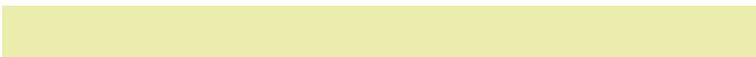
The Inverse Universe completely reimagines the original color for something new.



51.2955, 0.3471, 0.2972



54.8756, 0.3559, 0.2909



80.9535, 0.3524, 0.3992



15.1641, 0.3224, 0.3187



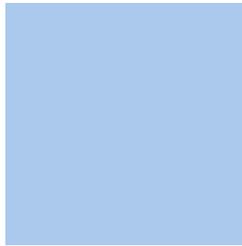
10.4030, 0.5211, 0.2644



0.8359, 0.4865, 0.2454

Previews

White Background



This preview shows how the Yxy color 56.0809, 0.2677, 0.2847 looks on a white background.

Color Contrast Check

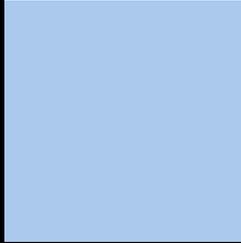
Large Text (above 18pt) WCAG AA × Fail

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 56.0809, 0.2677, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

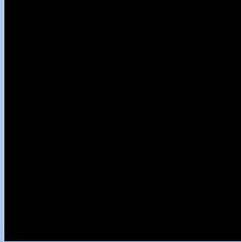
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0809, 0.2677, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 56.0809, 0.2677, 0.2847.



This preview shows how white text looks on a background with the Yxy color 56.0809, 0.2677, 0.2847.

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

56.0809, 0.2677, 0.2847

Protanopia

55.7895, 0.2812, 0.2834

Deuteranopia

56.1077, 0.2828, 0.2764



Tritanopia

56.0418, 0.2762, 0.3091

Trichromacy



Original Color

56.0809, 0.2677, 0.2847

Protanomaly

55.8757, 0.2759, 0.2841

Deuteranomaly

56.2177, 0.2774, 0.2801

Tritanomaly

56.0569, 0.2725, 0.2995

Monochromacy



Original Color

56.0809, 0.2677, 0.2847

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2004, 0.2951, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0809, 0.2677, 0.2847 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(171, 200, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 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(171, 200, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 237) }
```

Border

The CSS property to change the border of an element to Yxy 56.0809, 0.2677, 0.2847 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(171, 200, 237) }
```

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

```
.border{ border-color:rgb(171, 200, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 200, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 200, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 200, 237); box-shadow:4px 4px 4px 4px rgb(171, 200, 237) }
```

Background

The CSS property to change the background color of an element to Yxy 56.0809, 0.2677, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 237) }
```

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

```
.background{ background-color: rgb(171,  
200, 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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