

Converting Colors

$Y_{xy}(56.5861, 0.2751, 0.3078)$

Have a look what the booklet for
Yxy(56.5861, 0.2751, 0.3078)
contains.

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Color

Yxy(56.6217, 0.2751, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	A7CCDD
RGB	167, 204, 221
RGB Percent	65%, 80%, 87%
CMY	0.3449, 0.2000, 0.1332
CMYK	0.24, 0.08, 0.00, 0.13
HSL	199°, 44%, 76%
HSV	199°, 24%, 87%
XYZ	50.5899, 56.6217, 76.6848
YIQ	194.8750, -27.5090, -2.5570

Conversions

Conversions Part 2

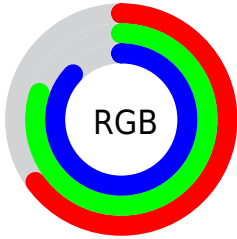
Format	Color
RYB	167, 189, 221
Decimal	10996957
CIELab	79.97, -8.44, -12.48
CIELCh	80, 15.069, 235.938
Yxy	56.6217, 0.2751, 0.3079
Android (android.graphics.Color)	4289187037 (0xFFA7CCDD)
YUV	194.8750, 12.8796, -24.4464
Hunter-Lab	75.2474, -11.6748, -7.7494

Details

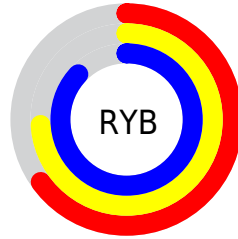
The Yxy color **56.6217, 0.2751, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4822, 0.3590, 0.3492**, and the grayscale version is **54.4359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **28.1433, 0.2657, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **51.1766, 0.2601, 0.2979**, and if you desaturate by 10%, it is **62.6313, 0.2905, 0.3171**.

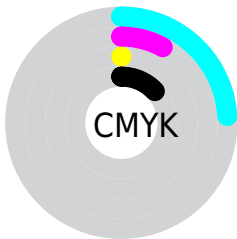
Distribution



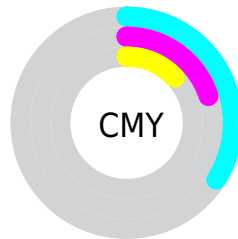
- Red (65%)
- Green (80%)
- Blue (87%)



- Red (65%)
- Yellow (74%)
- Blue (87%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)





- Cyan (34%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6217, 0.2751, 0.3079 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 56.6217, 0.2751, 0.3079 by changing the saturation by 10% instead.

 56.6217, 0.2751,
0.3079


 56.6217, 0.2751,
0.3079


412.0303, 0.2931,
0.3183

 40.7016, 0.2709,
0.3054


 99.9130, 0.2814,
0.3116

 28.0860, 0.2655,
0.3021


 128.0530, 0.2839,
0.3130

 18.3905, 0.2587,
0.2979


161.0350, 0.2860,
0.3142

 11.2307, 0.2496,
0.2922

199.2435, 0.2878,
0.3153

 6.2222, 0.2368,
0.2839

243.0629, 0.2893,
0.3162

 2.9807, 0.2177,
0.2709

292.8776, 0.2907,

 1.1217, 0.1865,

0.3170

0.2482

349.0719, 0.2920,
0.3177

0.0000, 0.0000,
0.0000

56.6217, 0.2751,
0.3079

56.6217, 0.2751,
0.3079

51.1766, 0.2601,
0.2979

62.6313, 0.2905,
0.3171

46.2662, 0.2459,
0.2871

69.2199, 0.3059,
0.3256

41.8683, 0.2327,
0.2757

76.4097, 0.3212,
0.3331

37.9556, 0.2211,
0.2639

84.1328, 0.3358,
0.3399

34.4979, 0.2112,
0.2518

88.1352, 0.3349,
0.3467

■ 31.4605, 0.2033,
0.2397

■ 92.2952, 0.3339,
0.3534

■ 28.8013, 0.1974,
0.2278

■ 96.6144, 0.3330,
0.3600

■ 27.4444, 0.1948,
0.2212

■ 98.0017, 0.3327,
0.3621

Harmonies

Analogous

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



56.6217, 0.2789, 0.3242



56.6217, 0.2751, 0.3079



56.6217, 0.2810, 0.2979

Triad

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



56.6217, 0.2751, 0.3079



56.6217, 0.3339, 0.3157



56.6217, 0.3296, 0.3639

Complementary

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



56.6217, 0.2751, 0.3079



52.4822, 0.3590, 0.3492

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.



56.6217, 0.3450, 0.3602



56.6217, 0.2751, 0.3079



56.6217, 0.3477, 0.3321

Square

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



56.6217, 0.2751, 0.3079



56.6217, 0.3146, 0.3027



56.6217, 0.3518, 0.3484



56.6217, 0.3099, 0.3575

Rectangle

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



56.6217, 0.2751, 0.3079



56.6217, 0.2897, 0.2959



56.6217, 0.3518, 0.3484



56.6217, 0.3354, 0.3637

Sweetspot

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



56.6240, 0.2751, 0.3079



93.2290, 0.3019, 0.3234



63.3750, 0.2994, 0.3766



19.8340, 0.3009, 0.3229



0.0000, 0.0000, 0.0000



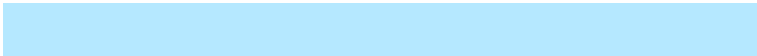
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6240, 0.2751, 0.3079



74.5743, 0.2678, 0.3032



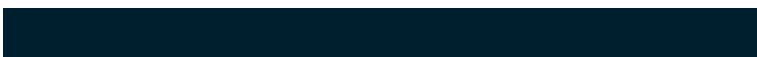
45.2210, 0.2722, 0.2742



14.1004, 0.2982, 0.3214



16.1507, 0.1953, 0.2231



1.1983, 0.2007, 0.2424

Inverse Universe

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



47.3902, 0.3299, 0.2866



60.1352, 0.3342, 0.2780



64.3737, 0.3521, 0.3784



13.2013, 0.3186, 0.3131



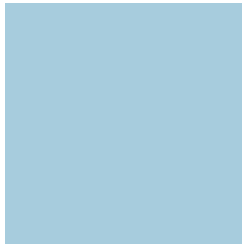
10.2542, 0.4200, 0.2087



0.6797, 0.3999, 0.1977

Previews

White Background



This preview shows how the Yxy color 56.6217, 0.2751, 0.3079 looks on a white background.

Color Contrast Check

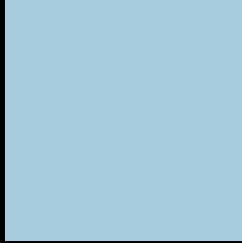
Large Text (above 18pt) WCAG AA × Fail

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 56.6217, 0.2751, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

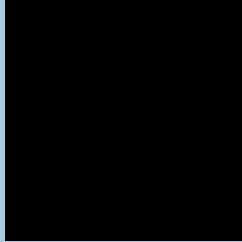
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6217, 0.2751, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 56.6217, 0.2751, 0.3079.

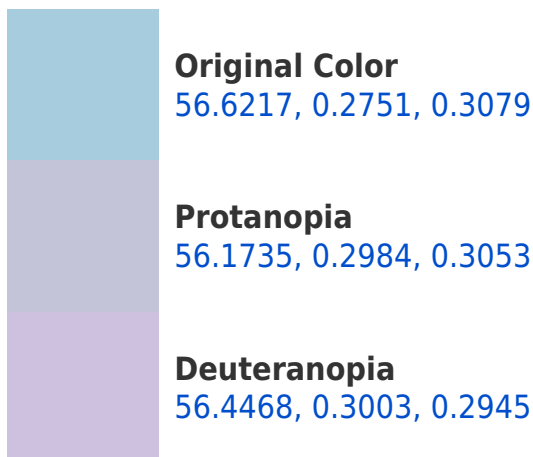


This preview shows how white text looks on a background with the Yxy color 56.6217, 0.2751, 0.3079.

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





Tritanopia

56.5685, 0.2757, 0.3091

Trichromacy



Original Color

56.6217, 0.2751, 0.3079

Protanomaly

56.2231, 0.2890, 0.3061

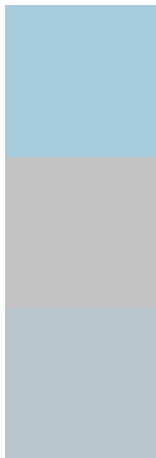
Deuteranomaly

56.2828, 0.2906, 0.2994

Tritanomaly

56.5685, 0.2757, 0.3091

Monochromacy



Original Color

56.6217, 0.2751, 0.3079

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0621, 0.2984, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6217, 0.2751, 0.3079 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(167, 204, 221)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 221)  
}
```

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(167, 204, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.6217, 0.2751, 0.3079 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(167, 204, 221) }
```

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

```
.border{ border-color:rgb(167, 204, 221) }
```

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

Here you see how a box with a 4 pixel rgb(167, 204, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 221);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6217, 0.2751, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 221) }
```

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

```
.background{ background-color: rgb(167,  
204, 221) }
```

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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