

Converting Colors

$Y_{xy}(56.2721, 0.2751, 0.3100)$

Have a look what the booklet for
Yxy(56.2721, 0.2751, 0.3100)
contains.

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Color

Yxy(56.2995, 0.2750, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	A5CCDB
RGB	165, 204, 219
RGB Percent	65%, 80%, 86%
CMY	0.3529, 0.2000, 0.1412
CMYK	0.25, 0.07, 0.00, 0.14
HSL	197°, 43%, 75%
HSV	197°, 25%, 86%
XYZ	49.8948, 56.2995, 75.2414
YIQ	194.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

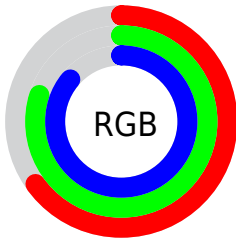
Format	Color
RYB	165, 188, 219
Decimal	10865883
CIELab	79.78, -9.52, -11.67
CIELCh	80, 15.062, 230.810
Yxy	56.2995, 0.2750, 0.3103
Android (android.graphics.Color)	4289055963 (0xFFA5CCDB)
YUV	194.0490, 12.3008, -25.4760
Hunter-Lab	75.0330, -12.6103, -6.9316

Details

The Yxy color **56.2995, 0.2750, 0.3103** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4104, 0.3601, 0.3469**, and the grayscale version is **53.9189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **27.9378, 0.2656, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **51.3185, 0.2603, 0.3015**, and if you desaturate by 10%, it is **61.7998, 0.2902, 0.3184**.

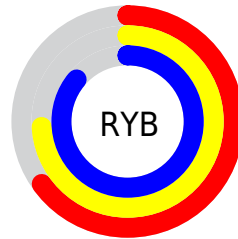
Distribution



Red (65%)

Green (80%)

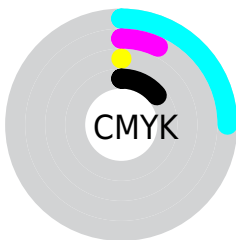
Blue (86%)



Red (65%)

Yellow (74%)

Blue (86%)

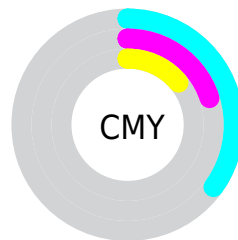


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2995, 0.2750, 0.3103 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 56.2995, 0.2750, 0.3103 by changing the saturation by 10% instead.

■ 56.2995, 0.2750,
0.3103

■ 56.2995, 0.2750,
0.3103

■ 410.8192, 0.2930,
0.3196

■ 40.4431, 0.2707,
0.3080

■ 99.4423, 0.2814,
0.3136

■ 27.8842, 0.2654,
0.3051

■ 127.4976, 0.2838,
0.3149

■ 18.2384, 0.2585,
0.3013

■ 160.3879, 0.2859,
0.3160

■ 11.1213, 0.2493,
0.2961

■ 198.4976, 0.2877,
0.3169

■ 6.1485, 0.2364,
0.2885

■ 242.2113, 0.2893,
0.3177

■ 2.9356, 0.2171,
0.2765

■ 291.9131, 0.2907,

■ 1.0982, 0.1853,

0.3184

0.2553

347.9877, 0.2919,
0.3190

0.0000, 0.0000,
0.0000

56.2995, 0.2750,
0.3103

56.2995, 0.2750,
0.3103

51.3185, 0.2603,
0.3015

61.7998, 0.2902,
0.3184

46.8282, 0.2465,
0.2921

67.8328, 0.3056,
0.3258

42.8073, 0.2339,
0.2822

74.4199, 0.3209,
0.3325

39.2300, 0.2228,
0.2720

81.5789, 0.3359,
0.3384

36.0672, 0.2135,
0.2615

85.4395, 0.3368,
0.3444

■ 33.2854, 0.2062,
0.2510

■ 88.9666, 0.3359,
0.3503

■ 30.8442, 0.2009,
0.2406

■ 92.6136, 0.3351,
0.3561

■ 29.6418, 0.1986,
0.2351

■ 96.3816, 0.3343,
0.3619

■ 97.8935, 0.3340,
0.3641

Harmonies

Analogous

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



56.2995, 0.2804, 0.3274



56.2995, 0.2750, 0.3103



56.2995, 0.2793, 0.2990

Triad

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



56.2995, 0.2750, 0.3103



56.2995, 0.3309, 0.3131



56.2995, 0.3327, 0.3640

Complementary

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



56.2995, 0.2750, 0.3103



50.4104, 0.3601, 0.3469

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.



56.2995, 0.3470, 0.3587



56.2995, 0.2750, 0.3103



56.2995, 0.3460, 0.3292

Square

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



56.2995, 0.2750, 0.3103



56.2995, 0.3111, 0.3011



56.2995, 0.3520, 0.3458



56.2995, 0.3133, 0.3593

Rectangle

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



56.2995, 0.2750, 0.3103



56.2995, 0.2871, 0.2960



56.2995, 0.3520, 0.3458



56.2995, 0.3382, 0.3633

Sweetspot

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



56.3018, 0.2750, 0.3103



93.6508, 0.3019, 0.3241



61.9246, 0.3004, 0.3795



19.9318, 0.3009, 0.3237



0.0000, 0.0000, 0.0000



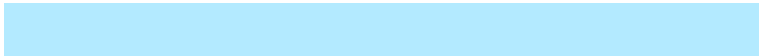
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3018, 0.2750, 0.3103



75.4605, 0.2667, 0.3055



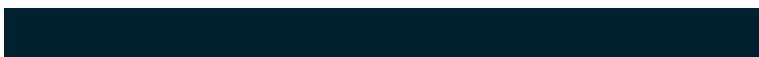
44.7962, 0.2720, 0.2761



14.1868, 0.2982, 0.3224



17.7721, 0.1991, 0.2366



1.2933, 0.2038, 0.2535

Inverse Universe

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



46.3302, 0.3283, 0.2840



59.2276, 0.3328, 0.2734



62.1037, 0.3530, 0.3769



13.2100, 0.3180, 0.3123



10.4179, 0.4058, 0.2009



0.6892, 0.3888, 0.1915

Previews

White Background



This preview shows how the Yxy color 56.2995, 0.2750, 0.3103 looks on a white background.

Color Contrast Check

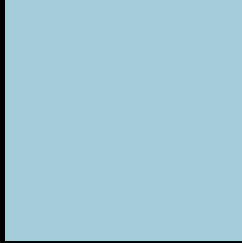
Large Text (above 18pt) WCAG AA × Fail

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 56.2995, 0.2750, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

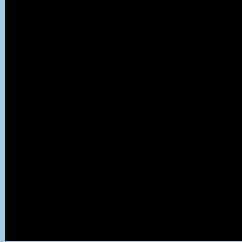
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2995, 0.2750, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 56.2995, 0.2750, 0.3103.



This preview shows how white text looks on a background with the Yxy color 56.2995, 0.2750, 0.3103.

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

56.2995, 0.2750, 0.3103

Protanopia

56.0707, 0.2998, 0.3076

Deuteranopia

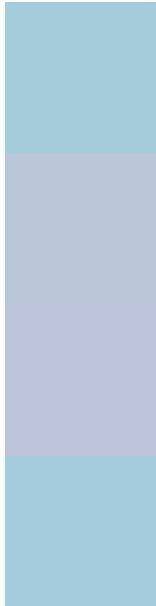
55.8989, 0.3017, 0.2955



Tritanopia

56.3524, 0.2744, 0.3091

Trichromacy



Original Color

56.2995, 0.2750, 0.3103

Protanomaly

56.1190, 0.2903, 0.3084

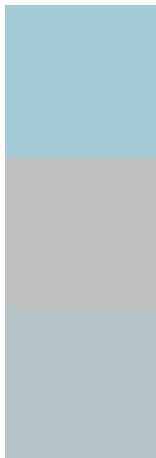
Deuteranomaly

55.5943, 0.2912, 0.3004

Tritanomaly

56.3524, 0.2744, 0.3091

Monochromacy



Original Color

56.2995, 0.2750, 0.3103

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7672, 0.2976, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2995, 0.2750, 0.3103 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(165, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(165, 204, 219)  
}
```

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(165, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 204, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.2995, 0.2750, 0.3103 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(165, 204, 219) }
```

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

```
.border{ border-color:rgb(165, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(165, 204,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2995, 0.2750, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 204, 219) }
```

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

```
.background{ background-color: rgb(165,  
204, 219) }
```

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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