

Converting Colors

Yxy(56.4956, 0.2789, 0.3160)

Have a look what the booklet for
Yxy(56.4956, 0.2789, 0.3160)
contains.

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Color

Yxy(56.3075, 0.2788, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	A7CCD7
RGB	167, 204, 215
RGB Percent	65%, 80%, 84%
CMY	0.3448, 0.2000, 0.1569
CMYK	0.22, 0.05, 0.00, 0.16
HSL	194°, 37%, 75%
HSV	194°, 22%, 84%
XYZ	49.8050, 56.3075, 72.5281
YIQ	194.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

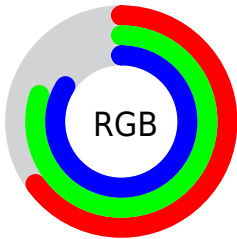
Format	Color
RYB	167, 188, 215
Decimal	10996951
CIELab	79.79, -9.78, -9.51
CIELCh	80, 13.645, 224.214
Yxy	56.3075, 0.2788, 0.3152
Android (android.graphics.Color)	4289187031 (0xFFA7CCD7)
YUV	194.1910, 10.2588, -23.8465
Hunter-Lab	75.0383, -12.8417, -4.7797

Details

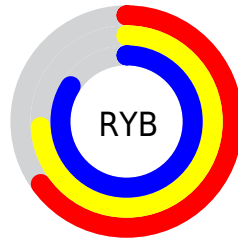
The Yxy color **56.3075, 0.2788, 0.3152** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1098, 0.3551, 0.3424**, and the grayscale version is **54.0254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **27.9282, 0.2703, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **51.8487, 0.2643, 0.3081**, and if you desaturate by 10%, it is **61.2346, 0.2939, 0.3217**.

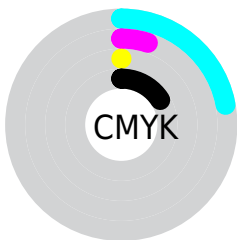
Distribution



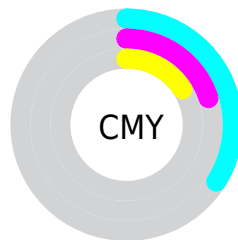
- Red (65%)
- Green (80%)
- Blue (84%)



- Red (65%)
- Yellow (74%)
- Blue (84%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3075, 0.2788, 0.3152 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 56.3075, 0.2788, 0.3152 by changing the saturation by 10% instead.

■ 56.3075, 0.2788,
0.3152

■ 56.3075, 0.2788,
0.3152

■ 410.8493, 0.2950,
0.3221

■ 40.4495, 0.2749,
0.3135

■ 99.4540, 0.2845,
0.3177

■ 27.8892, 0.2701,
0.3113

■ 127.5114, 0.2868,
0.3186

■ 18.2422, 0.2639,
0.3085

■ 160.4040, 0.2886,
0.3194

■ 11.1240, 0.2555,
0.3045

■ 198.5162, 0.2903,
0.3201

■ 6.1503, 0.2438,
0.2987

■ 242.2324, 0.2917,
0.3207

■ 2.9367, 0.2260,
0.2894

■ 291.9371, 0.2929,

■ 1.0988, 0.1963,

0.3212

0.2726

348.0146, 0.2941,
0.3217

0.0000, 0.0000,
0.0000

56.3075, 0.2788,
0.3152

56.3075, 0.2788,
0.3152

51.8487, 0.2643,
0.3081

61.2346, 0.2939,
0.3217

47.8314, 0.2507,
0.3005

66.6417, 0.3092,
0.3277

44.2363, 0.2384,
0.2926

72.5485, 0.3245,
0.3331

41.0399, 0.2276,
0.2843

78.9715, 0.3397,
0.3379

38.2158, 0.2186,
0.2758

82.0242, 0.3403,
0.3428

■ 35.7338, 0.2115,
0.2673

■ 84.7901, 0.3396,
0.3477

■ 33.5577, 0.2063,
0.2588

■ 87.6344, 0.3388,
0.3525

■ 32.0420, 0.2034,
0.2523

■ 90.5575, 0.3381,
0.3572

■ 93.5602, 0.3373,
0.3619

Harmonies

Analogous

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



56.3075, 0.2856, 0.3313



56.3075, 0.2788, 0.3152



56.3075, 0.2808, 0.3035

Triad

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



56.3075, 0.2788, 0.3152



56.3075, 0.3255, 0.3117



56.3075, 0.3342, 0.3603

Complementary

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



56.3075, 0.2788, 0.3152



49.1098, 0.3551, 0.3424

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.



56.3075, 0.3455, 0.3539



56.3075, 0.2788, 0.3152



56.3075, 0.3405, 0.3259

Square

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



56.3075, 0.2788, 0.3152



56.3075, 0.3073, 0.3020



56.3075, 0.3479, 0.3412



56.3075, 0.3173, 0.3581

Rectangle

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



56.3075, 0.2788, 0.3152



56.3075, 0.2868, 0.2996



56.3075, 0.3479, 0.3412



56.3075, 0.3388, 0.3591

Sweetspot

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



56.3098, 0.2788, 0.3152



94.1829, 0.3019, 0.3249



60.0133, 0.3031, 0.3772



20.0553, 0.3009, 0.3246



0.0000, 0.0000, 0.0000



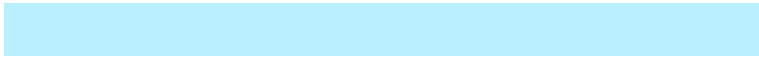
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3098, 0.2788, 0.3152



79.5221, 0.2715, 0.3117



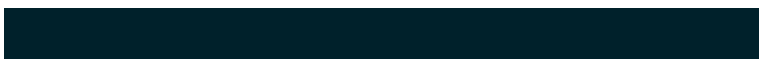
46.0346, 0.2766, 0.2850



13.6017, 0.2982, 0.3235



19.3335, 0.2038, 0.2536



1.2868, 0.2078, 0.2681

Inverse Universe

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



46.4689, 0.3246, 0.2859



62.6843, 0.3278, 0.2760



59.2061, 0.3493, 0.3694



12.5816, 0.3172, 0.3112



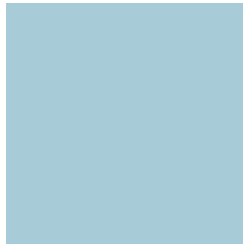
10.2966, 0.3887, 0.1915



0.6332, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 56.3075, 0.2788, 0.3152 looks on a white background.

Color Contrast Check

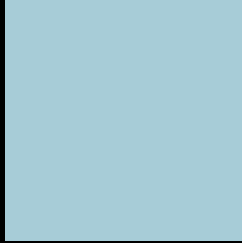
Large Text (above 18pt) WCAG AA × Fail

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 56.3075, 0.2788, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

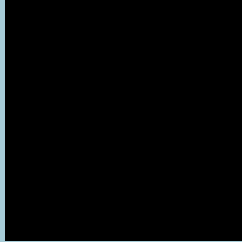
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

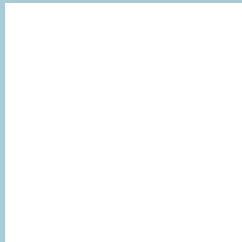
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3075, 0.2788, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 56.3075, 0.2788, 0.3152.



This preview shows how white text looks on a background with the Yxy color 56.3075, 0.2788, 0.3152.

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

56.3075, 0.2788, 0.3152

Protanopia

56.0033, 0.3034, 0.3123

Deuteranopia

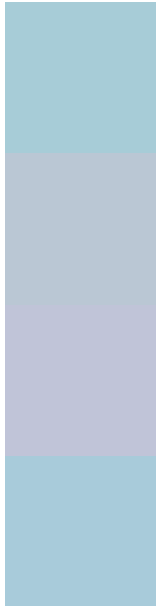
55.9744, 0.3062, 0.3001



Tritanopia

56.2040, 0.2762, 0.3079

Trichromacy



Original Color

56.3075, 0.2788, 0.3152

Protanomaly

56.0394, 0.2937, 0.3132

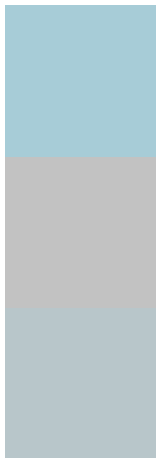
Deuteranomaly

55.6442, 0.2954, 0.3051

Tritanomaly

56.0987, 0.2775, 0.3103

Monochromacy



Original Color

56.3075, 0.2788, 0.3152

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8428, 0.2991, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3075, 0.2788, 0.3152 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 56.3075, 0.2788, 0.3152 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, 215) }
```

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

```
.border{ border-color:rgb(167, 204, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3075, 0.2788, 0.3152 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, 215) }
```

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

```
.background{ background-color: rgb(167,  
204, 215) }
```

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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