

Converting Colors

$Yxy(56.5821, 0.2789, 0.3278)$

Have a look what the booklet for
Yxy(56.5821, 0.2789, 0.3278)
contains.

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Color

Yxy(56.6533, 0.2787, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A0CFD0
RGB	160, 207, 208
RGB Percent	63%, 81%, 82%
CMY	0.3726, 0.1882, 0.1842
CMYK	0.23, 0.00, 0.00, 0.18
HSL	181°, 34%, 72%
HSV	181°, 23%, 82%
XYZ	48.1968, 56.6533, 68.0843
YIQ	193.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

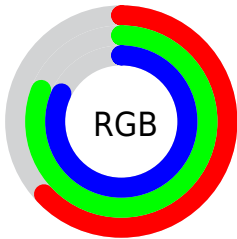
Format	Color
RYB	160, 184, 208
Decimal	10538960
CIELab	79.98, -15.01, -5.53
CIELCh	80, 15.997, 200.242
Yxy	56.6533, 0.2787, 0.3276
Android (android.graphics.Color)	4288729040 (0xFFA0CFD0)
YUV	193.0610, 7.3649, -28.9945
Hunter-Lab	75.2684, -17.4203, -0.9431

Details

The Yxy color **56.6533, 0.2787, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4481, 0.3596, 0.3304**, and the grayscale version is **53.3361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **28.2414, 0.2698, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **54.4739, 0.2657, 0.3269**, and if you desaturate by 10%, it is **59.1966, 0.2929, 0.3282**.

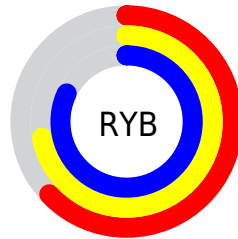
Distribution



Red (63%)

Green (81%)

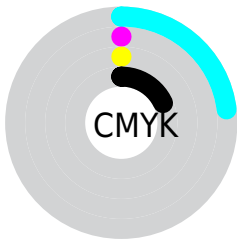
Blue (82%)



Red (63%)

Yellow (72%)

Blue (82%)

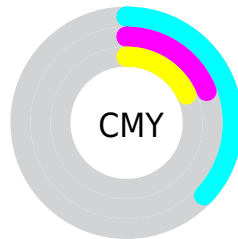


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (37%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6533, 0.2787, 0.3276 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 56.6533, 0.2787, 0.3276 by changing the saturation by 10% instead.


 56.6533, 0.2787,
0.3276

 56.6533, 0.2787,
0.3276


412.1489, 0.2950,
0.3285

 40.7270, 0.2748,
0.3273


 99.9591, 0.2845,
0.3280

 28.1058, 0.2700,
0.3270


 128.1074, 0.2867,
0.3281

 18.4054, 0.2637,
0.3264


161.0984, 0.2886,
0.3282

 11.2415, 0.2553,
0.3256

199.3166, 0.2902,
0.3283

 6.2295, 0.2434,
0.3243

243.1464, 0.2916,
0.3283

 2.9851, 0.2254,
0.3218

292.9721, 0.2929,

 1.1240, 0.1931,

0.3284

0.3172

349.1781, 0.2940,
0.3284

0.0000, 0.0000,
0.0000

56.6533, 0.2787,
0.3276

56.6533, 0.2787,
0.3276

54.4739, 0.2657,
0.3269

59.1966, 0.2929,
0.3282

52.6337, 0.2542,
0.3262

62.1136, 0.3079,
0.3288

51.1155, 0.2444,
0.3255

65.4220, 0.3236,
0.3294

49.8982, 0.2364,
0.3248

69.1365, 0.3396,
0.3299

48.9578, 0.2304,
0.3241

71.5220, 0.3486,
0.3303

■ 48.2669, 0.2262,
0.3234

■ 71.7397, 0.3485,
0.3308

■ 47.7922, 0.2238,
0.3227

■ 71.9581, 0.3484,
0.3312

■ 47.5506, 0.2228,
0.3222

■ 72.1771, 0.3484,
0.3317

■ 72.3967, 0.3483,
0.3321

Harmonies

Analogous

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



56.6533, 0.2935, 0.3470



56.6533, 0.2787, 0.3276



56.6533, 0.2728, 0.3094

Triad

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



56.6533, 0.2787, 0.3276



56.6533, 0.3106, 0.2993



56.6533, 0.3492, 0.3603

Complementary

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



56.6533, 0.2787, 0.3276



41.4481, 0.3596, 0.3304

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.



56.6533, 0.3543, 0.3464



56.6533, 0.2787, 0.3276



56.6533, 0.3316, 0.3119

Square

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



56.6533, 0.2787, 0.3276



56.6533, 0.2908, 0.2940



56.6533, 0.3478, 0.3288



56.6533, 0.3342, 0.3661

Rectangle

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



56.6533, 0.2787, 0.3276



56.6533, 0.2746, 0.3005



56.6533, 0.3478, 0.3288



56.6533, 0.3522, 0.3564

Sweetspot

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



56.6556, 0.2787, 0.3276



96.5283, 0.3018, 0.3286



55.1631, 0.3092, 0.3923



20.6001, 0.3009, 0.3286



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.



56.6556, 0.2787, 0.3276



87.9157, 0.2717, 0.3273



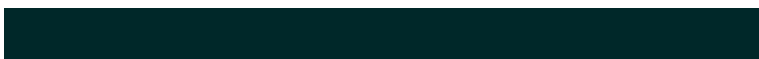
45.9826, 0.2763, 0.2964



13.3621, 0.2983, 0.3285



29.6476, 0.2229, 0.3223



1.6717, 0.2232, 0.3236

Inverse Universe

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



43.0595, 0.3163, 0.2732



62.4976, 0.3171, 0.2604



50.5706, 0.3532, 0.3596



12.0045, 0.3141, 0.3066



11.0642, 0.3263, 0.1571



0.6201, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 56.6533, 0.2787, 0.3276 looks on a white background.

Color Contrast Check

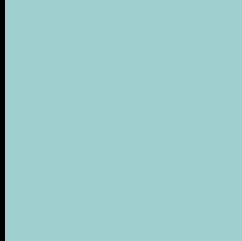
Large Text (above 18pt) WCAG AA × Fail

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 56.6533, 0.2787, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

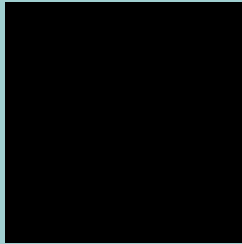
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

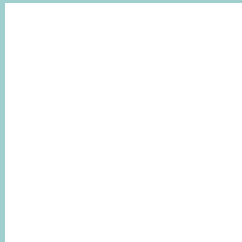
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6533, 0.2787, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 56.6533, 0.2787, 0.3276.

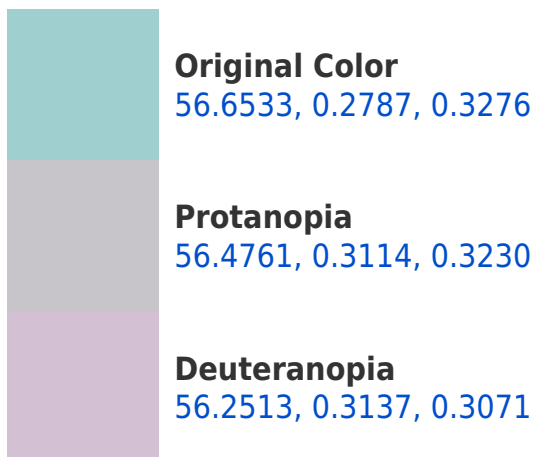


This preview shows how white text looks on a background with the Yxy color 56.6533, 0.2787, 0.3276.

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

56.6696, 0.2726, 0.3091

Trichromacy



Original Color

56.6533, 0.2787, 0.3276

Protanomaly

56.4472, 0.2985, 0.3253

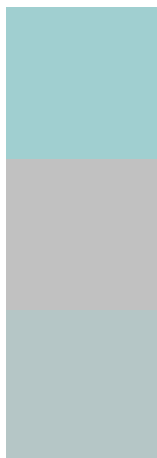
Deuteranomaly

55.7921, 0.2995, 0.3133

Tritanomaly

56.7819, 0.2751, 0.3164

Monochromacy



Original Color

56.6533, 0.2787, 0.3276

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.2891, 0.2996, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6533, 0.2787, 0.3276 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(160, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(160, 207, 208)  
}
```

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(160, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 207, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.6533, 0.2787, 0.3276 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(160, 207, 208) }
```

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

```
.border{ border-color:rgb(160, 207, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(160, 207,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6533, 0.2787, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 207, 208) }
```

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

```
.background{ background-color: rgb(160,  
207, 208) }
```

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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