

Converting Colors

$Yxy(56.7566, 0.2822, 0.3328)$

Have a look what the booklet for
Yxy(56.7566, 0.2822, 0.3328)
contains.

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Color

Yxy(56.6667, 0.2825, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	A2CFCC
RGB	162, 207, 204
RGB Percent	64%, 81%, 80%
CMY	0.3646, 0.1882, 0.1999
CMYK	0.22, 0.00, 0.01, 0.19
HSL	176°, 32%, 72%
HSV	176°, 22%, 81%
XYZ	48.1164, 56.6667, 65.5406
YIQ	193.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

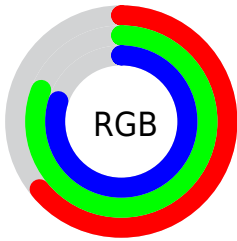
Format	Color
R_{YB}	162, 185, 207
Decimal	10670028
CIE Lab	79.99, -15.26, -3.36
CIE LCh	80, 15.630, 192.431
Yxy	56.6667, 0.2825, 0.3327
Android (android.graphics.Color)	4288860108 (0xFFA2CFCC)
YUV	193.2030, 5.3229, -27.3650
Hunter-Lab	75.2773, -17.6399, 1.0730

Details

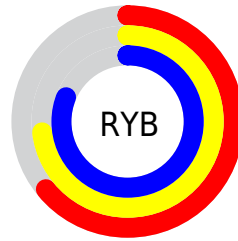
The Yxy color **56.6667, 0.2825, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8288, 0.3535, 0.3254**, and the grayscale version is **53.4372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.2357, 0.2745, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **54.6109, 0.2702, 0.3346**, and if you desaturate by 10%, it is **59.0845, 0.2959, 0.3309**.

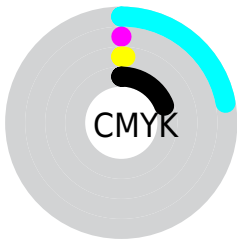
Distribution



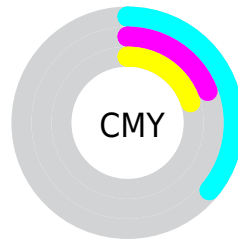
- Red (64%)
- Green (81%)
- Blue (80%)



- Red (64%)
- Yellow (73%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (36%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6667, 0.2825, 0.3327 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 56.6667, 0.2825, 0.3327 by changing the saturation by 10% instead.


 56.6667, 0.2825,
0.3327


 56.6667, 0.2825,
0.3327


412.1992, 0.2970,
0.3311

 40.7377, 0.2790,
0.3331


 99.9787, 0.2877,
0.3321

 28.1142, 0.2747,
0.3335


 128.1305, 0.2896,
0.3319

 18.4118, 0.2691,
0.3340


161.1253, 0.2913,
0.3317

 11.2460, 0.2615,
0.3347

199.3476, 0.2928,
0.3316

 6.2326, 0.2507,
0.3355

243.1818, 0.2940,
0.3314

 2.9870, 0.2344,
0.3364

293.0122, 0.2951,

 1.1249, 0.2041,

0.3313

0.3383

349.2232, 0.2961,
0.3312

0.0000, 0.0000,
0.0000

56.6667, 0.2825,
0.3327

56.6667, 0.2825,
0.3327

54.6109, 0.2702,
0.3346

59.0845, 0.2959,
0.3309

52.8928, 0.2592,
0.3367

61.8737, 0.3102,
0.3293

51.4957, 0.2498,
0.3388

65.0518, 0.3250,
0.3278

50.3989, 0.2423,
0.3410

68.6332, 0.3400,
0.3265

49.5792, 0.2366,
0.3432

70.5819, 0.3469,
0.3251

■ 49.0100, 0.2329,
0.3454

■ 70.6509, 0.3458,
0.3238

■ 48.6596, 0.2310,
0.3476

■ 70.7205, 0.3448,
0.3224

■ 48.4885, 0.2304,
0.3494

■ 70.7907, 0.3438,
0.3210

■ 70.8614, 0.3427,
0.3196

Harmonies

Analogous

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



56.6667, 0.2988, 0.3509



56.6667, 0.2825, 0.3327



56.6667, 0.2743, 0.3141

Triad

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



56.6667, 0.2825, 0.3327



56.6667, 0.3053, 0.2978



56.6667, 0.3507, 0.3567

Complementary

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



56.6667, 0.2825, 0.3327



41.8288, 0.3535, 0.3254

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.



56.6667, 0.3528, 0.3418



56.6667, 0.2825, 0.3327



56.6667, 0.3261, 0.3085

Square

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



56.6667, 0.2825, 0.3327



56.6667, 0.2871, 0.2948



56.6667, 0.3436, 0.3243



56.6667, 0.3382, 0.3647

Rectangle

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



56.6667, 0.2825, 0.3327



56.6667, 0.2742, 0.3042



56.6667, 0.3436, 0.3243



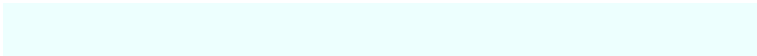
56.6667, 0.3527, 0.3523

Sweetspot

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



56.6690, 0.2825, 0.3327



96.6945, 0.3025, 0.3301



55.2355, 0.3121, 0.3887



20.6387, 0.3016, 0.3302



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.



56.6690, 0.2825, 0.3327



89.2410, 0.2767, 0.3336



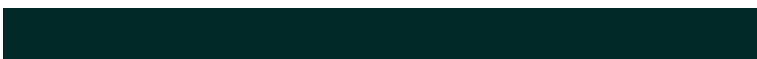
47.9445, 0.2788, 0.3035



13.3930, 0.2992, 0.3305



30.5558, 0.2303, 0.3491



1.7127, 0.2292, 0.3451

Inverse Universe

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



41.8288, 0.3535, 0.3254



61.3805, 0.3649, 0.3246



49.1300, 0.3514, 0.3532



11.8208, 0.3280, 0.3275



8.3823, 0.6323, 0.3257



0.4732, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 56.6667, 0.2825, 0.3327 looks on a white background.

Color Contrast Check

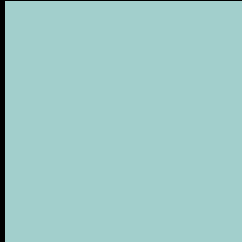
Large Text (above 18pt) WCAG AA × Fail

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 56.6667, 0.2825, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

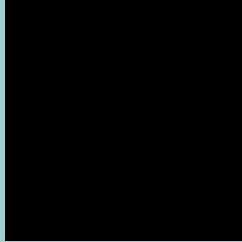
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

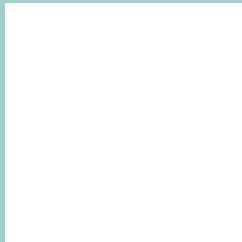
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6667, 0.2825, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 56.6667, 0.2825, 0.3327.

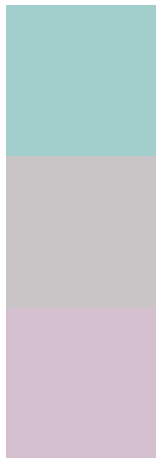


This preview shows how white text looks on a background with the Yxy color 56.6667, 0.2825, 0.3327.

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

56.6667, 0.2825, 0.3327

Protanopia

56.4272, 0.3151, 0.3278

Deuteranopia

56.3504, 0.3184, 0.3117



Tritanopia

56.4055, 0.2738, 0.3079

Trichromacy



Original Color

56.6667, 0.2825, 0.3327

Protanomaly

56.5082, 0.3027, 0.3302

Deuteranomaly

55.8581, 0.3039, 0.3181

Tritanomaly

56.4615, 0.2769, 0.3164

Monochromacy



Original Color

56.6667, 0.2825, 0.3327

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3645, 0.3011, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6667, 0.2825, 0.3327 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(162, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(162, 207, 204)  
}
```

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(162, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.6667, 0.2825, 0.3327 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(162, 207, 204) }
```

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

```
.border{ border-color:rgb(162, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(162, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(162, 207,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6667, 0.2825, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 207, 204) }
```

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

```
.background{ background-color: rgb(162,  
207, 204) }
```

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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