

Converting Colors

Yxy(56.2140, 0.2980, 0.3325)

Have a look what the booklet for
Yxy(56.2140, 0.2980, 0.3325)
contains.

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Color

Yxy(56.0679, 0.2982, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAC7
RGB	180, 202, 199
RGB Percent	71%, 79%, 78%
CMY	0.2940, 0.2078, 0.2196
CMYK	0.11, 0.00, 0.01, 0.21
HSL	172°, 17%, 75%
HSV	172°, 11%, 79%
XYZ	50.2538, 56.0679, 62.2022
YIQ	195.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

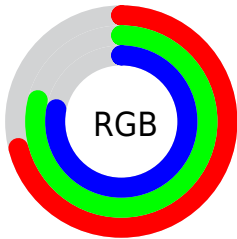
Format	Color
RYB	180, 192, 202
Decimal	11848391
CIELab	79.65, -7.99, -1.03
CIELCh	80, 8.052, 187.367
Yxy	56.0679, 0.2982, 0.3327
Android (android.graphics.Color)	4290038471 (0xFFB4CAC7)
YUV	195.0800, 1.9326, -13.2252
Hunter-Lab	74.8785, -11.2392, 3.1623

Details

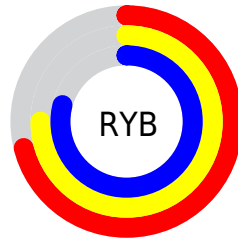
The Yxy color $56.0679, 0.2982, 0.3327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.6262, 0.3294, 0.3253$, and the grayscale version is $54.6196, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.5729, 0.3011, 0.3290$, and $27.7362, 0.2945, 0.3340$ is the 20% darker color. If you saturate the color by 10%, you get $53.6925, 0.2856, 0.3364$, and if you desaturate by 10%, it is $58.8037, 0.3115, 0.3293$.

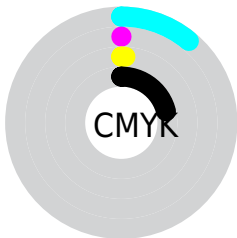
Distribution



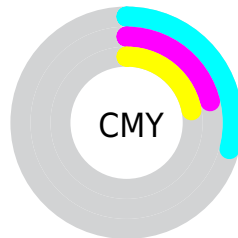
- Red (71%)
- Green (79%)
- Blue (78%)



- Red (71%)
- Yellow (75%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0679, 0.2982, 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 56.0679, 0.2982, 0.3327 by changing the saturation by 10% instead.

■ 56.0679, 0.2982,
0.3327

■ 56.0679, 0.2982,
0.3327

409.9473, 0.3052,
0.3309

■ 40.2574, 0.2965,
0.3331

■ 99.1038, 0.3007,
0.3321

■ 27.7393, 0.2944,
0.3336

127.0980, 0.3017,
0.3318

■ 18.1292, 0.2916,
0.3343

159.9223, 0.3025,
0.3316

■ 11.0428, 0.2879,
0.3352

197.9609, 0.3032,
0.3315

■ 6.0956, 0.2825,
0.3365

241.5983, 0.3038,
0.3313

■ 2.9033, 0.2741,
0.3385

291.2189, 0.3043,

■ 1.0815, 0.2594,

0.3312

0.3418

347.2071, 0.3048,
0.3310

0.0000, 0.0000,
0.0000

56.0679, 0.2982,
0.3327

56.0679, 0.2982,
0.3327

53.6925, 0.2856,
0.3364

58.8037, 0.3115,
0.3293

51.6551, 0.2739,
0.3405

61.9071, 0.3252,
0.3262

49.9418, 0.2634,
0.3448

65.3940, 0.3391,
0.3234

48.5349, 0.2545,
0.3493

68.1570, 0.3484,
0.3209

47.4150, 0.2473,
0.3540

68.2959, 0.3462,
0.3181

■ 46.5605, 0.2420,
0.3588

■ 68.4373, 0.3441,
0.3153

■ 45.9468, 0.2386,
0.3636

■ 68.5810, 0.3420,
0.3125

■ 45.5443, 0.2370,
0.3684

■ 68.7272, 0.3399,
0.3097

■ 45.3122, 0.2369,
0.3727

■ 68.8757, 0.3378,
0.3069

Harmonies

Analogous

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



56.0679, 0.3073, 0.3415



56.0679, 0.2982, 0.3327



56.0679, 0.2930, 0.3231

Triad

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



56.0679, 0.2982, 0.3327



56.0679, 0.3072, 0.3120



56.0679, 0.3329, 0.3424

Complementary

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



56.0679, 0.2982, 0.3327



48.6262, 0.3294, 0.3253

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.



56.0679, 0.3329, 0.3344



56.0679, 0.2982, 0.3327



56.0679, 0.3179, 0.3170

Square

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



56.0679, 0.2982, 0.3327



56.0679, 0.2981, 0.3113



56.0679, 0.3274, 0.3252



56.0679, 0.3274, 0.3470

Rectangle

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



56.0679, 0.2982, 0.3327



56.0679, 0.2923, 0.3175



56.0679, 0.3274, 0.3252



56.0679, 0.3335, 0.3400

Sweetspot

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



56.0703, 0.2982, 0.3327



98.5106, 0.3086, 0.3300



55.6435, 0.3140, 0.3568



21.0022, 0.3075, 0.3303



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.



56.0703, 0.2982, 0.3327



93.9573, 0.2952, 0.3335



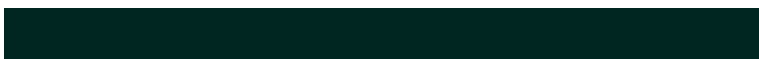
52.6900, 0.2960, 0.3193



12.6996, 0.3001, 0.3322



29.1673, 0.2367, 0.3721



1.5122, 0.2341, 0.3627

Inverse Universe

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



48.6262, 0.3294, 0.3253



78.9350, 0.3334, 0.3245



51.6961, 0.3308, 0.3385



11.2382, 0.3269, 0.3259



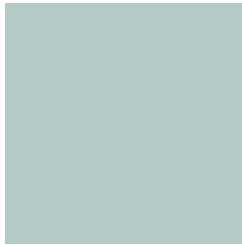
8.1405, 0.6207, 0.3193



0.4283, 0.5757, 0.2945

Previews

White Background



This preview shows how the Yxy color 56.0679, 0.2982, 0.3327 looks on a white background.

Color Contrast Check

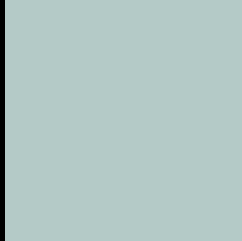
Large Text (above 18pt) WCAG AA × Fail

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 56.0679, 0.2982, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

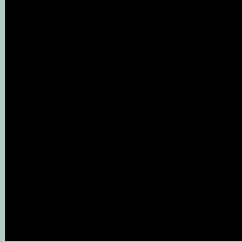
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

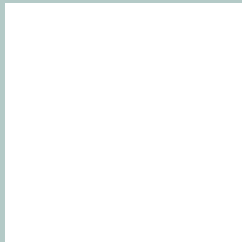
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0679, 0.2982, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 56.0679, 0.2982, 0.3327.



This preview shows how white text looks on a background with the Yxy color 56.0679, 0.2982, 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

56.0679, 0.2982, 0.3327

Protanopia

55.8829, 0.3167, 0.3290

Deuteranopia

55.7748, 0.3239, 0.3174



Tritanopia

55.8204, 0.2895, 0.3095

Trichromacy



Original Color

56.0679, 0.2982, 0.3327

Protanomaly

55.7568, 0.3095, 0.3302

Deuteranomaly

55.7569, 0.3146, 0.3230

Tritanomaly

55.8571, 0.2928, 0.3179

Monochromacy



Original Color

56.0679, 0.2982, 0.3327

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3208, 0.3079, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0679, 0.2982, 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(180, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 199)  
}
```

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(180, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.0679, 0.2982, 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(180, 202, 199) }
```

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

```
.border{ border-color:rgb(180, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0679, 0.2982, 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(180, 202, 199) }
```

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

```
.background{ background-color: rgb(180,  
202, 199) }
```

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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