

Converting Colors

Yxy(56.0108, 0.3045, 0.3398)

Have a look what the booklet for
Yxy(56.0108, 0.3045, 0.3398)
contains.

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Color

Yxy(56.1586, 0.3046, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAC1
RGB	183, 202, 193
RGB Percent	72%, 79%, 76%
CMY	0.2822, 0.2079, 0.2432
CMYK	0.09, 0.00, 0.04, 0.21
HSL	151°, 15%, 75%
HSV	151°, 9%, 79%
XYZ	50.2819, 56.1586, 58.6347
YIQ	195.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

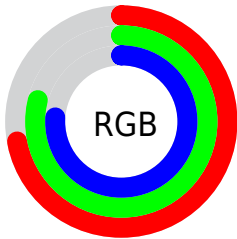
Format	Color
RYB	183, 195, 202
Decimal	12044993
CIELab	79.70, -8.13, 2.29
CIELCh	80, 8.449, 164.263
Yxy	56.1586, 0.3046, 0.3402
Android (android.graphics.Color)	4290235073 (0xFFB7CAC1)
YUV	195.2930, -1.1304, -10.7810
Hunter-Lab	74.9390, -11.3750, 6.0669

Details

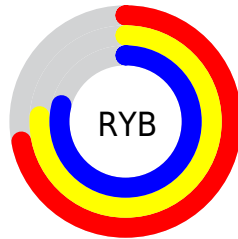
The Yxy color **56.1586, 0.3046, 0.3402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2508, 0.3217, 0.3181**, and the grayscale version is **54.7729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7103, 0.3063, 0.3349**, and **27.8191, 0.3020, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **53.4437, 0.2962, 0.3535**, and if you desaturate by 10%, it is **59.2616, 0.3133, 0.3283**.

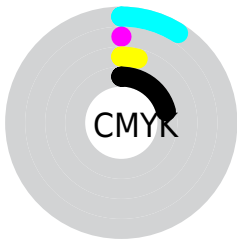
Distribution



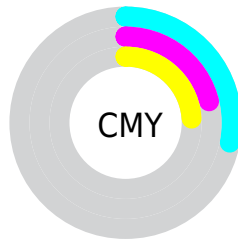
- Red (72%)
- Green (79%)
- Blue (76%)



- Red (72%)
- Yellow (76%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (28%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1586, 0.3046, 0.3402 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 56.1586, 0.3046, 0.3402 by changing the saturation by 10% instead.


 56.1586, 0.3046,
0.3402

 56.1586, 0.3046,
0.3402


410.2889, 0.3086,
0.3347

 40.3301, 0.3036,
0.3415


 99.2364, 0.3060,
0.3382

 27.7960, 0.3024,
0.3432


127.2545, 0.3066,
0.3375

 18.1719, 0.3008,
0.3454


160.1047, 0.3070,
0.3369

 11.0735, 0.2987,
0.3484

198.1712, 0.3074,
0.3363

 6.1163, 0.2955,
0.3528

241.8384, 0.3078,
0.3359

 2.9159, 0.2906,
0.3598

291.4909, 0.3081,

 1.0880, 0.2816,

0.3354

0.3725

347.5129, 0.3083,
0.3351

0.0000, 0.0000,
0.0000

56.1586, 0.3046,
0.3402

56.1586, 0.3046,
0.3402

53.4437, 0.2962,
0.3535

59.2616, 0.3133,
0.3283

51.0942, 0.2882,
0.3681

62.7601, 0.3220,
0.3177

49.0957, 0.2811,
0.3841

66.6705, 0.3305,
0.3084

47.4302, 0.2750,
0.4012

69.2895, 0.3321,
0.2995

46.0781, 0.2704,
0.4193

69.8482, 0.3251,
0.2902

■ 45.0176, 0.2674,
0.4378

■ 70.4371, 0.3182,
0.2812

■ 44.2238, 0.2664,
0.4565

■ 70.7179, 0.3151,
0.2772

■ 43.6677, 0.2675,
0.4747

■ 43.2989, 0.2702,
0.4922

Harmonies

Analogous

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



56.1586, 0.3157, 0.3468



56.1586, 0.3046, 0.3402



56.1586, 0.2958, 0.3305

Triad

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



56.1586, 0.3046, 0.3402



56.1586, 0.2993, 0.3102



56.1586, 0.3344, 0.3368

Complementary

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



56.1586, 0.3046, 0.3402



50.2508, 0.3217, 0.3181

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.



56.1586, 0.3299, 0.3272



56.1586, 0.3046, 0.3402



56.1586, 0.3095, 0.3120

Square

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



56.1586, 0.3046, 0.3402



56.1586, 0.2928, 0.3132



56.1586, 0.3207, 0.3182



56.1586, 0.3330, 0.3446

Rectangle

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



56.1586, 0.3046, 0.3402



56.1586, 0.2924, 0.3238



56.1586, 0.3207, 0.3182



56.1586, 0.3335, 0.3337

Sweetspot

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



56.1610, 0.3046, 0.3402



98.3459, 0.3101, 0.3325



56.8921, 0.3187, 0.3524



20.9577, 0.3094, 0.3335



0.0000, 0.0000, 0.0000



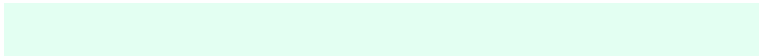
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1610, 0.3046, 0.3402



94.2337, 0.3031, 0.3425



56.4271, 0.2984, 0.3286



12.6337, 0.3046, 0.3402



27.8693, 0.2697, 0.4910



1.4530, 0.2601, 0.4565

Inverse Universe

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



50.2508, 0.3217, 0.3181



82.4788, 0.3235, 0.3159



49.9941, 0.3289, 0.3294



11.3010, 0.3217, 0.3180



8.6412, 0.5046, 0.2554



0.4611, 0.4594, 0.2305

Previews

White Background



This preview shows how the Yxy color 56.1586, 0.3046, 0.3402 looks on a white background.

Color Contrast Check

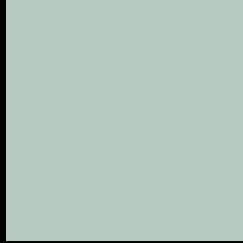
Large Text (above 18pt) WCAG AA × Fail

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 56.1586, 0.3046, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

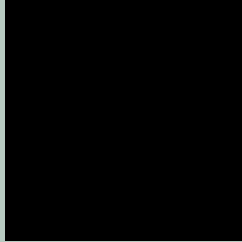
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

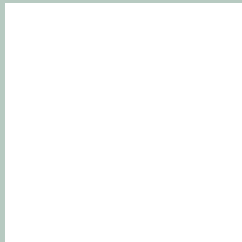
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1586, 0.3046, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 56.1586, 0.3046, 0.3402.

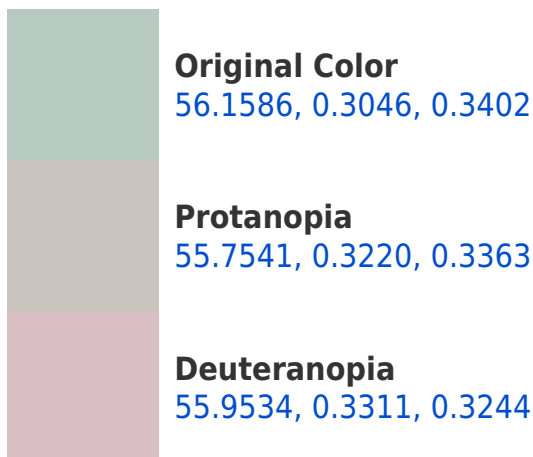


This preview shows how white text looks on a background with the Yxy color 56.1586, 0.3046, 0.3402.

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

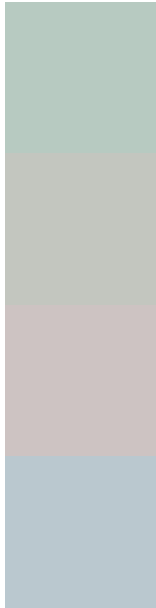




Tritanopia

56.3179, 0.2924, 0.3097

Trichromacy



Original Color

56.1586, 0.3046, 0.3402

Protanomaly

55.7519, 0.3155, 0.3376

Deuteranomaly

55.9044, 0.3215, 0.3302

Tritanomaly

56.2527, 0.2971, 0.3204

Monochromacy



Original Color

56.1586, 0.3046, 0.3402

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3596, 0.3101, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1586, 0.3046, 0.3402 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(183, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 193)  
}
```

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(183, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.1586, 0.3046, 0.3402 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(183, 202, 193) }
```

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

```
.border{ border-color:rgb(183, 202, 193) }
```

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

Here you see how a box with a 4 pixel rgb(183, 202, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1586, 0.3046, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 193) }
```

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

```
.background{ background-color: rgb(183,  
202, 193) }
```

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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