

Converting Colors

$Yxy(56.8629, 0.3019, 0.3308)$

Have a look what the booklet for
Yxy(56.8629, 0.3019, 0.3308)
contains.

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Color

Yxy(56.8503, 0.3020, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	BACAC8
RGB	186, 202, 200
RGB Percent	73%, 79%, 78%
CMY	0.2703, 0.2079, 0.2157
CMYK	0.08, 0.00, 0.01, 0.21
HSL	173°, 13%, 76%
HSV	173°, 8%, 79%
XYZ	51.8069, 56.8503, 62.8887
YIQ	196.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

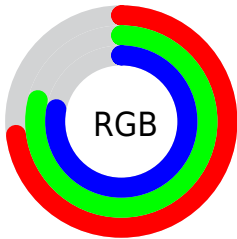
Format	Color
R _Y B	186, 195, 202
Decimal	12241608
CIE Lab	80.10, -5.77, -0.88
CIE LCh	80, 5.838, 188.641
Yxy	56.8503, 0.3020, 0.3314
Android (android.graphics.Color)	4290431688 (0xFFBACAC8)
YUV	196.9880, 1.4849, -9.6365
Hunter-Lab	75.3991, -9.3009, 3.3269

Details

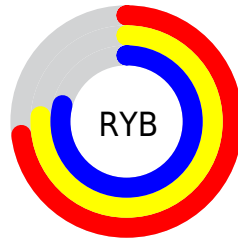
The Yxy color **56.8503, 0.3020, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3316, 0.3246, 0.3266**, and the grayscale version is **55.8291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **28.2417, 0.2994, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **54.3814, 0.2890, 0.3347**, and if you desaturate by 10%, it is **59.6836, 0.3156, 0.3284**.

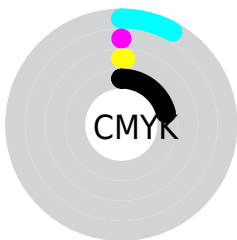
Distribution



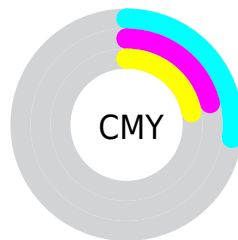
- Red (73%)
- Green (79%)
- Blue (78%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8503, 0.3020, 0.3314 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 56.8503, 0.3020, 0.3314 by changing the saturation by 10% instead.

■ 56.8503, 0.3020,
0.3314

■ 56.8503, 0.3020,
0.3314

412.8881, 0.3072,
0.3303

■ 40.8851, 0.3008,
0.3317

■ 100.2467, 0.3038,
0.3310

■ 28.2293, 0.2992,
0.3320

128.4467, 0.3045,
0.3308

■ 18.4986, 0.2972,
0.3324

161.4937, 0.3051,
0.3307

■ 11.3085, 0.2944,
0.3330

199.7722, 0.3057,
0.3306

■ 6.2748, 0.2905,
0.3339

243.6664, 0.3061,
0.3305

■ 3.0129, 0.2844,
0.3351

293.5609, 0.3065,

■ 1.1385, 0.2737,

0.3304

349.8400, 0.3069,
0.3303

0.3372

0.0106, 0.0000,
0.1266

0.0000, 0.0000,
0.0000

56.8503, 0.3020,
0.3314

56.8503, 0.3020,
0.3314

54.3814, 0.2890,
0.3347

59.6836, 0.3156,
0.3284

52.2548, 0.2768,
0.3383

62.8880, 0.3296,
0.3257

50.4568, 0.2659,
0.3421

66.4795, 0.3437,
0.3233

48.9703, 0.2564,
0.3462

68.1517, 0.3484,
0.3208

■ 47.7763, 0.2485,
0.3504

■ 68.2781, 0.3464,
0.3183

■ 46.8541, 0.2425,
0.3547

■ 68.4065, 0.3445,
0.3157

■ 46.1800, 0.2385,
0.3590

■ 68.5368, 0.3425,
0.3132

■ 45.7262, 0.2363,
0.3634

■ 68.6692, 0.3406,
0.3107

■ 45.4523, 0.2357,
0.3677

■ 68.8035, 0.3387,
0.3081

Harmonies

Analogous

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



56.8503, 0.3085, 0.3377



56.8503, 0.3020, 0.3314



56.8503, 0.2983, 0.3245

Triad

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



56.8503, 0.3020, 0.3314



56.8503, 0.3091, 0.3168



56.8503, 0.3271, 0.3389

Complementary

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



56.8503, 0.3020, 0.3314



51.3316, 0.3246, 0.3266

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.



56.8503, 0.3273, 0.3333



56.8503, 0.3020, 0.3314



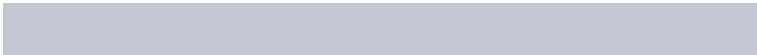
56.8503, 0.3168, 0.3205

Square

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



56.8503, 0.3020, 0.3314



56.8503, 0.3024, 0.3161



56.8503, 0.3235, 0.3265



56.8503, 0.3231, 0.3421

Rectangle

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



56.8503, 0.3020, 0.3314



56.8503, 0.2980, 0.3205



56.8503, 0.3235, 0.3265



56.8503, 0.3277, 0.3373

Sweetspot

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



56.8527, 0.3020, 0.3314



99.0047, 0.3099, 0.3296



56.4982, 0.3134, 0.3488



21.2015, 0.3101, 0.3296



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.



56.8527, 0.3020, 0.3314



95.7215, 0.3003, 0.3318



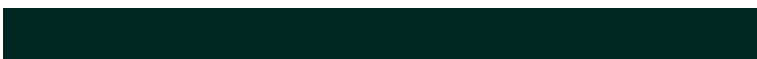
54.2575, 0.3007, 0.3218



12.7021, 0.3000, 0.3319



29.2295, 0.2356, 0.3680



1.5148, 0.2332, 0.3596

Inverse Universe

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



51.3316, 0.3246, 0.3266



84.9942, 0.3266, 0.3262



53.7588, 0.3255, 0.3361



11.2360, 0.3271, 0.3261



8.1328, 0.6231, 0.3206



0.4273, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 56.8503, 0.3020, 0.3314 looks on a white background.

Color Contrast Check

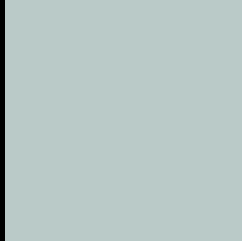
Large Text (above 18pt) WCAG AA × Fail

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 56.8503, 0.3020, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

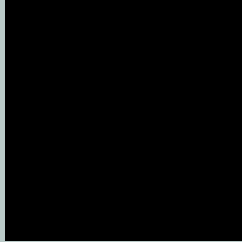
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

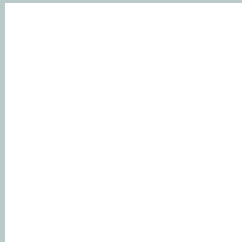
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8503, 0.3020, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 56.8503, 0.3020, 0.3314.



This preview shows how white text looks on a background with the Yxy color 56.8503, 0.3020, 0.3314.

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

56.8503, 0.3020, 0.3314

Protanopia

56.5203, 0.3167, 0.3290

Deuteranopia

56.5625, 0.3246, 0.3175



Tritanopia

57.0337, 0.2939, 0.3110

Trichromacy



Original Color

56.8503, 0.3020, 0.3314

Protanomaly

56.6598, 0.3111, 0.3302

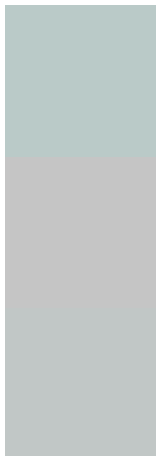
Deuteranomaly

56.6760, 0.3162, 0.3231

Tritanomaly

57.1178, 0.2966, 0.3181

Monochromacy



Original Color

56.8503, 0.3020, 0.3314

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2615, 0.3088, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8503, 0.3020, 0.3314 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(186, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 200)  
}
```

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(186, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.8503, 0.3020, 0.3314 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(186, 202, 200) }
```

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

```
.border{ border-color:rgb(186, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8503, 0.3020, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 200) }
```

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

```
.background{ background-color: rgb(186,  
202, 200) }
```

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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