

Converting Colors

Yxy(57.0093, 0.3186, 0.3431)

Have a look what the booklet for
Yxy(57.0093, 0.3186, 0.3431)
contains.

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Color

Yxy(56.8530, 0.3184, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	C5C8BD
RGB	197, 200, 189
RGB Percent	77%, 78%, 74%
CMY	0.2274, 0.2157, 0.2589
CMYK	0.01, 0.00, 0.06, 0.22
HSL	76°, 9%, 76%
HSV	76°, 6%, 78%
XYZ	52.8680, 56.8530, 56.3217
YIQ	197.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

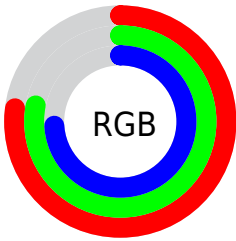
Format	Color
RYB	189, 200, 192
Decimal	12961981
CIELab	80.10, -3.01, 5.14
CIELCh	80, 5.954, 120.358
Yxy	56.8530, 0.3184, 0.3424
Android (android.graphics.Color)	4291152061 (0xFFC5C8BD)
YUV	197.8490, -4.3626, -0.7446
Hunter-Lab	75.4009, -6.7949, 8.4932

Details

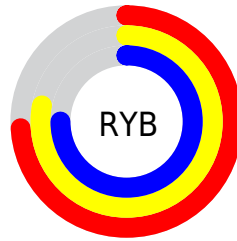
The Yxy color **56.8530, 0.3184, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7604, 0.3068, 0.3154**, and the grayscale version is **56.4041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1834, 0.3179, 0.3386**, and **28.1750, 0.3193, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **55.3287, 0.3289, 0.3679**, and if you desaturate by 10%, it is **58.5282, 0.3082, 0.3185**.

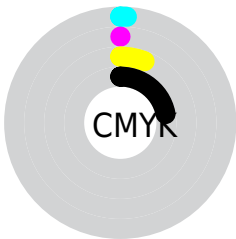
Distribution



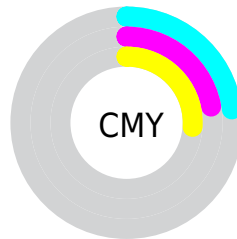
- Red (77%)
- Green (78%)
- Blue (74%)



- Red (74%)
- Yellow (78%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8530, 0.3184, 0.3424 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 56.8530, 0.3184, 0.3424 by changing the saturation by 10% instead.

■ 56.8530, 0.3184,
0.3424

■ 56.8530, 0.3184,
0.3424

412.8983, 0.3157,
0.3359

■ 40.8872, 0.3190,
0.3440

■ 100.2507, 0.3174,
0.3401

■ 28.2310, 0.3199,
0.3460

128.4513, 0.3171,
0.3392

■ 18.4998, 0.3209,
0.3486

161.4991, 0.3167,
0.3384

■ 11.3094, 0.3224,
0.3521

199.7784, 0.3165,
0.3378

■ 6.2754, 0.3244,
0.3573

243.6735, 0.3162,
0.3372

■ 3.0132, 0.3275,
0.3653

293.5690, 0.3160,

■ 1.1386, 0.3332,

0.3367

0.3803

349.8491, 0.3158,
0.3363

0.0107, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8530, 0.3184,
0.3424

56.8530, 0.3184,
0.3424

55.3287, 0.3289,
0.3679

58.5282, 0.3082,
0.3185

53.9428, 0.3392,
0.3946

60.3517, 0.2983,
0.2963

52.6923, 0.3491,
0.4217

62.3307, 0.2890,
0.2760

51.5712, 0.3581,
0.4485

63.5358, 0.2890,
0.2708

■ 50.5732, 0.3656,
0.4737

■ 64.3867, 0.2928,
0.2714

■ 49.6913, 0.3712,
0.4964

■ 65.2651, 0.2967,
0.2721

■ 48.9176, 0.3744,
0.5153

■ 66.1713, 0.3006,
0.2727

■ 48.2429, 0.3750,
0.5297

■ 67.1054, 0.3045,
0.2734

■ 47.6562, 0.3733,
0.5394

■ 68.0678, 0.3084,
0.2740

Harmonies

Analogous

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



56.8530, 0.3248, 0.3418



56.8530, 0.3184, 0.3424



56.8530, 0.3106, 0.3393

Triad

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



56.8530, 0.3184, 0.3424



56.8530, 0.2978, 0.3201



56.8530, 0.3221, 0.3247

Complementary

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



56.8530, 0.3184, 0.3424



51.7604, 0.3068, 0.3154

Split Complementary

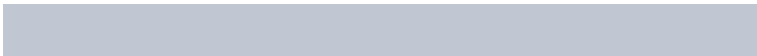
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.8530, 0.3147, 0.3190



56.8530, 0.3184, 0.3424



56.8530, 0.3007, 0.3163

Square

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



56.8530, 0.3184, 0.3424



56.8530, 0.2987, 0.3263



56.8530, 0.3069, 0.3160



56.8530, 0.3269, 0.3315

Rectangle

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



56.8530, 0.3184, 0.3424



56.8530, 0.3056, 0.3356



56.8530, 0.3069, 0.3160



56.8530, 0.3198, 0.3226

Sweetspot

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



56.8555, 0.3184, 0.3424



99.4152, 0.3148, 0.3339



53.6179, 0.3215, 0.3326



21.2851, 0.3147, 0.3336



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.



56.8555, 0.3184, 0.3424



97.9991, 0.3201, 0.3464



56.1307, 0.3141, 0.3426



12.3309, 0.3205, 0.3474



30.1919, 0.3727, 0.5423



1.4639, 0.3828, 0.5342

Inverse Universe

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



51.7604, 0.3068, 0.3154



86.7485, 0.3050, 0.3114



52.4871, 0.3112, 0.3156



10.8374, 0.3046, 0.3103



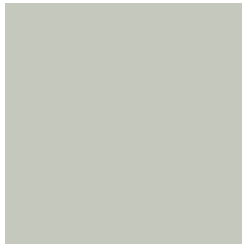
3.1900, 0.1675, 0.0696



0.1879, 0.1906, 0.0824

Previews

White Background



This preview shows how the Yxy color 56.8530, 0.3184, 0.3424 looks on a white background.

Color Contrast Check

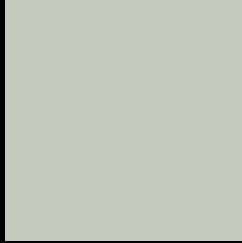
Large Text (above 18pt) WCAG AA × Fail

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 56.8530, 0.3184, 0.3424 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

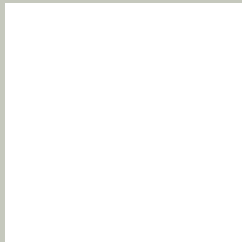
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8530, 0.3184, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 56.8530, 0.3184, 0.3424.



This preview shows how white text looks on a background with the Yxy color 56.8530, 0.3184, 0.3424.

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

56.8530, 0.3184, 0.3424

Protanopia

56.9981, 0.3257, 0.3410

Deuteranopia

56.8330, 0.3374, 0.3302



Tritanopia

57.1035, 0.3050, 0.3114

Trichromacy



Original Color

56.8530, 0.3184, 0.3424

Protanomaly

57.0342, 0.3232, 0.3423

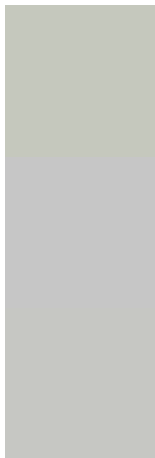
Deuteranomaly

56.7450, 0.3303, 0.3349

Tritanomaly

57.0272, 0.3099, 0.3219

Monochromacy



Original Color

56.8530, 0.3184, 0.3424

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7927, 0.3148, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8530, 0.3184, 0.3424 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(197, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 189)  
}
```

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(197, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.8530, 0.3184, 0.3424 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(197, 200, 189) }
```

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

```
.border{ border-color:rgb(197, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8530, 0.3184, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 189) }
```

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

```
.background{ background-color: rgb(197,  
200, 189) }
```

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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