

Converting Colors

Yxy(57.0392, 0.3250, 0.3525)

Have a look what the booklet for
Yxy(57.0392, 0.3250, 0.3525)
contains.

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Color

Yxy(57.1153, 0.3250, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C6C9B5
RGB	198, 201, 181
RGB Percent	78%, 79%, 71%
CMY	0.2233, 0.2118, 0.2902
CMYK	0.01, 0.00, 0.10, 0.21
HSL	69°, 16%, 75%
HSV	69°, 10%, 79%
XYZ	52.5254, 57.1153, 51.9759
YIQ	197.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

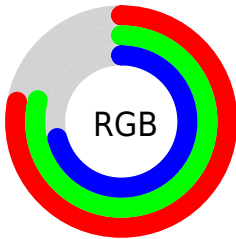
Format	Color
R_{YB}	181, 201, 184
Decimal	13027765
CIE Lab	80.24, -4.54, 9.63
CIE LCh	80, 10.646, 115.213
Yxy	57.1153, 0.3250, 0.3534
Android (android.graphics.Color)	4291217845 (0xFFC6C9B5)
YUV	197.8230, -8.2937, 0.1552
Hunter-Lab	75.5747, -8.1958, 12.1260

Details

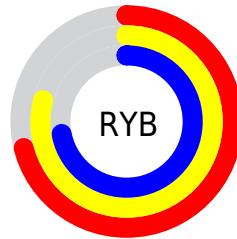
The Yxy color **57.1153, 0.3250, 0.3534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4525, 0.2997, 0.3038**, and the grayscale version is **56.4134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **28.3552, 0.3281, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **55.9526, 0.3376, 0.3790**, and if you desaturate by 10%, it is **58.4099, 0.3126, 0.3289**.

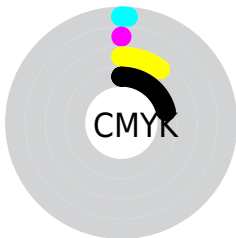
Distribution



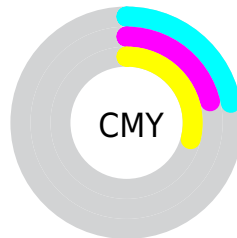
- Red (78%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1153, 0.3250, 0.3534 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 57.1153, 0.3250, 0.3534 by changing the saturation by 10% instead.


 57.1153, 0.3250,
0.3534

 57.1153, 0.3250,
0.3534

413.8812, 0.3191,
0.3415

 41.0978, 0.3264,
0.3563


 100.6334, 0.3229,
0.3491

 28.3955, 0.3281,
0.3599


128.9028, 0.3221,
0.3475

 18.6240, 0.3304,
0.3647


162.0250, 0.3214,
0.3461

 11.3989, 0.3334,
0.3712

200.3843, 0.3209,
0.3450

 6.3358, 0.3377,
0.3807

244.3652, 0.3203,
0.3439

 3.0503, 0.3440,
0.3954

294.3521, 0.3199,

 1.1581, 0.3615,

0.3430

0.4300

350.7293, 0.3195,
0.3422

0.0271, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1153, 0.3250,
0.3534

57.1153, 0.3250,
0.3534

55.9526, 0.3376,
0.3790

58.4099, 0.3126,
0.3289

54.9092, 0.3500,
0.4050

59.8338, 0.3008,
0.3058

53.9820, 0.3617,
0.4306

61.3939, 0.2895,
0.2843

53.1653, 0.3724,
0.4550

62.6751, 0.2830,
0.2708

■ 52.4525, 0.3813,
0.4769

■ 63.1136, 0.2850,
0.2712

■ 51.8363, 0.3880,
0.4954

■ 63.5601, 0.2871,
0.2715

■ 51.3086, 0.3922,
0.5098

■ 64.0148, 0.2891,
0.2719

■ 50.8597, 0.3939,
0.5197

■ 64.4777, 0.2912,
0.2722

■ 50.4714, 0.3934,
0.5258

■ 64.9488, 0.2933,
0.2725

Harmonies

Analogous

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



57.1153, 0.3357, 0.3509



57.1153, 0.3250, 0.3534



57.1153, 0.3112, 0.3490

Triad

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



57.1153, 0.3250, 0.3534



57.1153, 0.2860, 0.3145



57.1153, 0.3274, 0.3193

Complementary

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



57.1153, 0.3250, 0.3534



47.4525, 0.2997, 0.3038

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.



57.1153, 0.3138, 0.3101



57.1153, 0.3250, 0.3534



57.1153, 0.2901, 0.3072

Square

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



57.1153, 0.3250, 0.3534



57.1153, 0.2889, 0.3261



57.1153, 0.3002, 0.3057



57.1153, 0.3371, 0.3311

Rectangle

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



57.1153, 0.3250, 0.3534



57.1153, 0.3021, 0.3427



57.1153, 0.3002, 0.3057



57.1153, 0.3231, 0.3158

Sweetspot

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



57.1178, 0.3250, 0.3534



99.3039, 0.3164, 0.3363



49.8981, 0.3297, 0.3323



21.2160, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



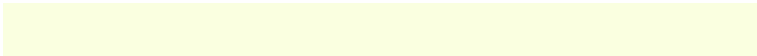
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1178, 0.3250, 0.3534



97.3384, 0.3278, 0.3590



55.8397, 0.3173, 0.3540



12.3348, 0.3243, 0.3520



31.7675, 0.3938, 0.5255



1.5263, 0.3994, 0.5210

Inverse Universe

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



47.4525, 0.2997, 0.3038



77.3896, 0.2966, 0.2977



48.6929, 0.3077, 0.3044



10.3612, 0.3005, 0.3053



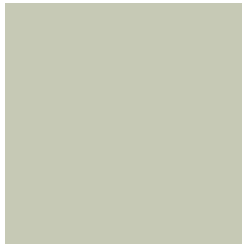
2.8463, 0.1565, 0.0636



0.1595, 0.1730, 0.0727

Previews

White Background



This preview shows how the Yxy color 57.1153, 0.3250, 0.3534 looks on a white background.

Color Contrast Check

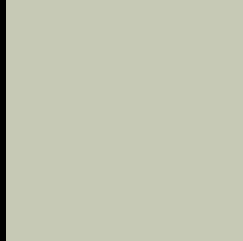
Large Text (above 18pt) WCAG AA × Fail

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 57.1153, 0.3250, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

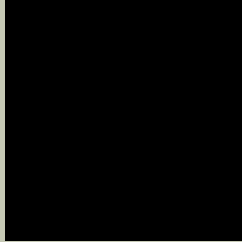
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

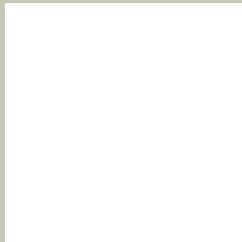
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1153, 0.3250, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 57.1153, 0.3250, 0.3534.



This preview shows how white text looks on a background with the Yxy color 57.1153, 0.3250, 0.3534.

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

57.1153, 0.3250, 0.3534

Protanopia

56.9489, 0.3335, 0.3506

Deuteranopia

56.9655, 0.3464, 0.3394



Tritanopia

56.9298, 0.3066, 0.3103

Trichromacy



Original Color

57.1153, 0.3250, 0.3534

Protanomaly

56.9795, 0.3308, 0.3519

Deuteranomaly

56.8547, 0.3391, 0.3443

Tritanomaly

57.0227, 0.3129, 0.3254

Monochromacy



Original Color

57.1153, 0.3250, 0.3534

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6584, 0.3170, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1153, 0.3250, 0.3534 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(198, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 181)  
}
```

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(198, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 181) }
```

Border

The CSS property to change the border of an element to Yxy 57.1153, 0.3250, 0.3534 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(198, 201, 181) }
```

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

```
.border{ border-color:rgb(198, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 201, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 201, 181); box-shadow:4px 4px 4px 4px rgb(198, 201, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1153, 0.3250, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 181) }
```

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

```
.background{ background-color: rgb(198,  
201, 181) }
```

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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