

Converting Colors

$Yxy(56.0477, 0.3129, 0.3305)$

Have a look what the booklet for
Yxy(56.0477, 0.3129, 0.3305)
contains.

Yxy(56.2440, 0.3134, 0.3314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(56.2440, 0.3134, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6C4
RGB	197, 198, 196
RGB Percent	77%, 78%, 77%
CMY	0.2274, 0.2235, 0.2313
CMYK	0.00, 0.00, 0.01, 0.22
HSL	89°, 2%, 77%
HSV	89°, 1%, 78%
XYZ	53.1891, 56.2440, 60.2832
YIQ	197.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

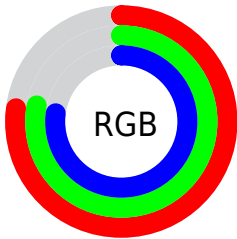
Format	Color
RYB	196, 198, 197
Decimal	12961476
CIELab	79.75, -0.69, 0.86
CIElCh	80, 1.108, 128.751
Yxy	56.2440, 0.3134, 0.3314
Android (android.graphics.Color)	4291151556 (0xFFC5C6C4)
YUV	197.4730, -0.7262, -0.4148
Hunter-Lab	74.9960, -4.6462, 4.8387

Details

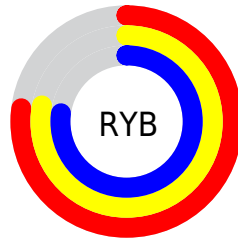
The Yxy color **56.2440, 0.3134, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4303, 0.3120, 0.3266**, and the grayscale version is **56.1436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6827, 0.3132, 0.3309**, and **27.7392, 0.3136, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **54.1349, 0.3202, 0.3566**, and if you desaturate by 10%, it is **58.5613, 0.3067, 0.3085**.

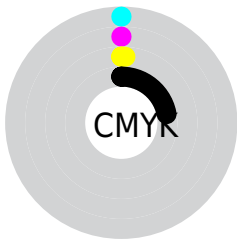
Distribution



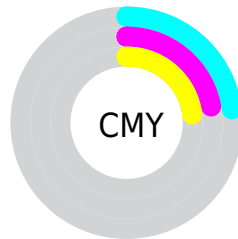
- Red (77%)
- Green (78%)
- Blue (77%)



- Red (77%)
- Yellow (78%)
- Blue (77%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2440, 0.3134, 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 56.2440, 0.3134, 0.3314 by changing the saturation by 10% instead.

■ 56.2440, 0.3134,
0.3314

■ 56.2440, 0.3134,
0.3314

410.6104, 0.3131,
0.3302

■ 40.3986, 0.3135,
0.3317

99.3612, 0.3133,
0.3310

■ 27.8495, 0.3136,
0.3320

127.4019, 0.3132,
0.3308

■ 18.2122, 0.3137,
0.3325

160.2763, 0.3132,
0.3307

■ 11.1024, 0.3139,
0.3331

198.3691, 0.3132,
0.3306

■ 6.1358, 0.3141,
0.3340

242.0644, 0.3131,
0.3305

■ 2.9278, 0.3145,
0.3354

291.7469, 0.3131,

■ 1.0942, 0.3152,

0.3304

0.3379

347.8007, 0.3131,
0.3303

0.0000, 0.0000,
0.0000

56.2440, 0.3134,
0.3314

56.2440, 0.3134,
0.3314

54.1349, 0.3202,
0.3566

58.5613, 0.3067,
0.3085

52.2204, 0.3270,
0.3837

61.0855, 0.3002,
0.2877

50.4966, 0.3333,
0.4125

63.7981, 0.2943,
0.2695

48.9565, 0.3390,
0.4421

65.4131, 0.3013,
0.2708

47.5926, 0.3434,
0.4716

67.1184, 0.3084,
0.2720

■ 46.3968, 0.3462,
0.4996

■ 68.8669, 0.3153,
0.2732

■ 45.3604, 0.3471,
0.5246

■ 44.4734, 0.3457,
0.5452

■ 43.7242, 0.3421,
0.5605

Harmonies

Analogous

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



56.2440, 0.3147, 0.3315



56.2440, 0.3134, 0.3314



56.2440, 0.3119, 0.3307

Triad

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



56.2440, 0.3134, 0.3314



56.2440, 0.3100, 0.3271



56.2440, 0.3148, 0.3286

Complementary

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



56.2440, 0.3134, 0.3314



55.4303, 0.3120, 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.



56.2440, 0.3135, 0.3274



56.2440, 0.3134, 0.3314



56.2440, 0.3108, 0.3266

Square

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



56.2440, 0.3134, 0.3314



56.2440, 0.3100, 0.3282



56.2440, 0.3120, 0.3267



56.2440, 0.3155, 0.3299

Rectangle

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



56.2440, 0.3134, 0.3314



56.2440, 0.3110, 0.3299



56.2440, 0.3120, 0.3267



56.2440, 0.3144, 0.3281

Sweetspot

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



56.2464, 0.3134, 0.3314

100.0000, 0.3127, 0.3290



55.9108, 0.3142, 0.3302



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



56.2464, 0.3134, 0.3314



99.6005, 0.3134, 0.3314



56.1146, 0.3126, 0.3314



12.5502, 0.3134, 0.3312



28.1138, 0.3386, 0.5694



1.3742, 0.3545, 0.5567

Inverse Universe

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



55.4303, 0.3120, 0.3266



98.1380, 0.3120, 0.3266



55.5629, 0.3128, 0.3266



12.3798, 0.3121, 0.3268



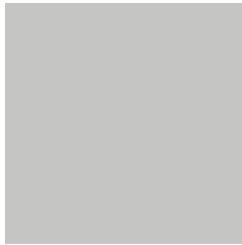
4.3568, 0.2013, 0.0883



0.2494, 0.2245, 0.1011

Previews

White Background



This preview shows how the Yxy color 56.2440, 0.3134, 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 56.2440, 0.3134, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

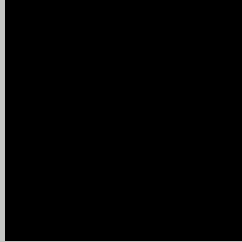
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

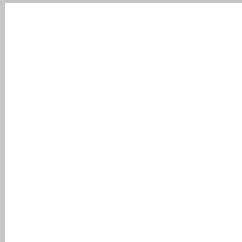
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2440, 0.3134, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 56.2440, 0.3134, 0.3314.

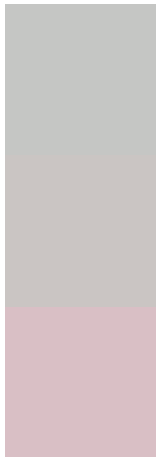


This preview shows how white text looks on a background with the Yxy color 56.2440, 0.3134, 0.3314.

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

56.2440, 0.3134, 0.3314

Protanopia

56.4292, 0.3182, 0.3314

Deuteranopia

56.0445, 0.3295, 0.3221



Tritanopia

56.3251, 0.3042, 0.3112

Trichromacy



Original Color

56.2440, 0.3134, 0.3314

Protanomaly

56.1520, 0.3166, 0.3314

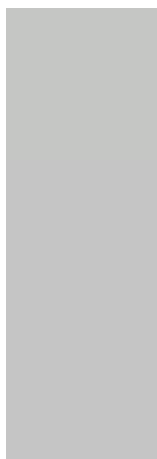
Deuteranomaly

56.3164, 0.3234, 0.3255

Tritanomaly

56.3945, 0.3070, 0.3183

Monochromacy



Original Color

56.2440, 0.3134, 0.3314

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8340, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2440, 0.3134, 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(197, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 196)  
}
```

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, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.2440, 0.3134, 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(197, 198, 196) }
```

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

```
.border{ border-color:rgb(197, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
196) }
```

Background

The CSS property to change the background color of an element to Yxy 56.2440, 0.3134, 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(197, 198, 196) }
```

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

```
.background{ background-color: rgb(197,  
198, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor