

Converting Colors

Yxy(56.5448, 0.3114, 0.3413)

Have a look what the booklet for
Yxy(56.5448, 0.3114, 0.3413)
contains.

Yxy(56.4820, 0.3114, 0.3413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.4820, 0.3114, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	BEC9BF
RGB	190, 201, 191
RGB Percent	75%, 79%, 75%
CMY	0.2547, 0.2118, 0.2510
CMYK	0.05, 0.00, 0.05, 0.21
HSL	125°, 9%, 77%
HSV	125°, 5%, 79%
XYZ	51.5338, 56.4820, 57.4749
YIQ	196.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

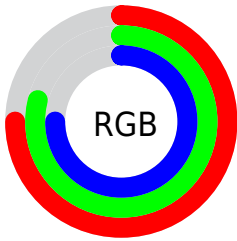
Format	Color
RYB	190, 200, 201
Decimal	12503487
CIELab	79.89, -5.59, 3.69
CIELCh	80, 6.701, 146.608
Yxy	56.4820, 0.3114, 0.3413
Android (android.graphics.Color)	4290693567 (0xFFBEC9BF)
YUV	196.5710, -2.7465, -5.7628
Hunter-Lab	75.1545, -9.1220, 7.2657

Details

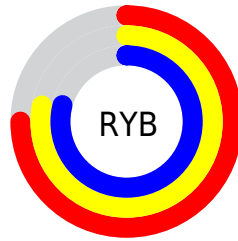
The Yxy color **56.4820, 0.3114, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4351, 0.3141, 0.3170**, and the grayscale version is **55.5862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8282, 0.3117, 0.3368**, and **28.0208, 0.3110, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **53.3135, 0.3089, 0.3663**, and if you desaturate by 10%, it is **60.1134, 0.3138, 0.3194**.

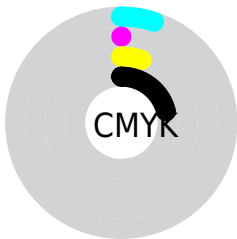
Distribution



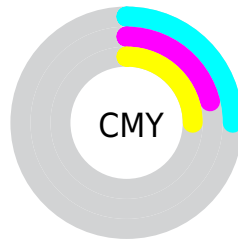
- Red (75%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4820, 0.3114, 0.3413 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 56.4820, 0.3114, 0.3413 by changing the saturation by 10% instead.

■ 56.4820, 0.3114,
0.3413

■ 56.4820, 0.3114,
0.3413

411.5054, 0.3121,
0.3353

■ 40.5895, 0.3112,
0.3428

■ 99.7090, 0.3116,
0.3392

■ 27.9985, 0.3110,
0.3446

127.8122, 0.3117,
0.3383

■ 18.3245, 0.3107,
0.3470

160.7545, 0.3118,
0.3376

■ 11.1832, 0.3103,
0.3503

198.9202, 0.3119,
0.3370

■ 6.1902, 0.3097,
0.3552

242.6938, 0.3119,
0.3365

■ 2.9611, 0.3087,
0.3628

292.4596, 0.3120,

■ 1.1114, 0.3068,

0.3361

0.3767

348.6020, 0.3120,
0.3357

0.0000, 0.0000,
0.0000

56.4820, 0.3114,
0.3413

56.4820, 0.3114,
0.3413

53.3135, 0.3089,
0.3663

60.1134, 0.3138,
0.3194

50.5826, 0.3063,
0.3943

64.2178, 0.3160,
0.3004

48.2720, 0.3038,
0.4252

68.8138, 0.3181,
0.2840

46.3610, 0.3015,
0.4579

70.2498, 0.3152,
0.2762

44.8268, 0.2995,
0.4914

■ 43.6443, 0.2981,
0.5234

■ 42.7856, 0.2974,
0.5519

■ 42.2182, 0.2975,
0.5746

■ 41.9029, 0.2983,
0.5899

Harmonies

Analogous

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



56.4820, 0.3202, 0.3443



56.4820, 0.3114, 0.3413



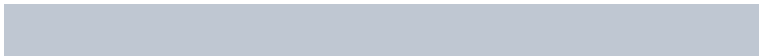
56.4820, 0.3031, 0.3349

Triad

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



56.4820, 0.3114, 0.3413



56.4820, 0.2986, 0.3150



56.4820, 0.3283, 0.3308

Complementary

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



56.4820, 0.3114, 0.3413



53.4351, 0.3141, 0.3170

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.



56.4820, 0.3224, 0.3232



56.4820, 0.3114, 0.3413



56.4820, 0.3052, 0.3142

Square

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



56.4820, 0.3114, 0.3413



56.4820, 0.2958, 0.3197



56.4820, 0.3139, 0.3172



56.4820, 0.3300, 0.3381

Rectangle

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



56.4820, 0.3114, 0.3413



56.4820, 0.2989, 0.3296



56.4820, 0.3139, 0.3172



56.4820, 0.3267, 0.3282

Sweetspot

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



56.4844, 0.3114, 0.3413



98.7493, 0.3122, 0.3335



57.7800, 0.3200, 0.3422



21.1495, 0.3123, 0.3333



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.



56.4844, 0.3114, 0.3413



95.7649, 0.3110, 0.3452



56.7281, 0.3075, 0.3346



12.0345, 0.3109, 0.3462



26.2978, 0.2982, 0.5934



1.2505, 0.2922, 0.5719

Inverse Universe

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



53.4351, 0.3141, 0.3170



89.0355, 0.3145, 0.3133



53.1855, 0.3182, 0.3235



11.1412, 0.3146, 0.3124



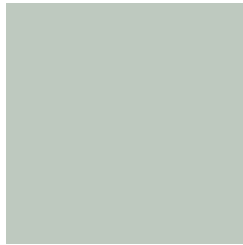
9.9770, 0.3439, 0.1668



0.4772, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 56.4820, 0.3114, 0.3413 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 56.4820, 0.3114, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

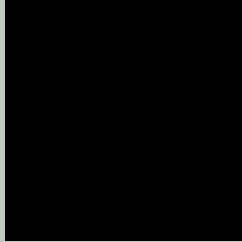
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

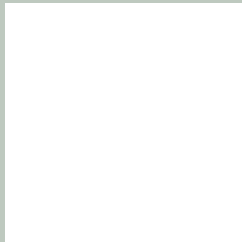
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4820, 0.3114, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 56.4820, 0.3114, 0.3413.



This preview shows how white text looks on a background with the Yxy color 56.4820, 0.3114, 0.3413.

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

56.4820, 0.3114, 0.3413

Protanopia

56.3031, 0.3235, 0.3386

Deuteranopia

56.1719, 0.3343, 0.3268



Tritanopia

56.6616, 0.2990, 0.3111

Trichromacy



Original Color

56.4820, 0.3114, 0.3413

Protanomaly

56.1116, 0.3186, 0.3387

Deuteranomaly

56.2459, 0.3255, 0.3326

Tritanomaly

56.5921, 0.3038, 0.3217

Monochromacy



Original Color

56.4820, 0.3114, 0.3413

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7976, 0.3118, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4820, 0.3114, 0.3413 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(190, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 191)  
}
```

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(190, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.4820, 0.3114, 0.3413 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(190, 201, 191) }
```

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

```
.border{ border-color:rgb(190, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4820, 0.3114, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 191) }
```

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

```
.background{ background-color: rgb(190,  
201, 191) }
```

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