

Converting Colors

$Yxy(56.1913, 0.3109, 0.3522)$

Have a look what the booklet for
Yxy(56.1913, 0.3109, 0.3522)
contains.

Yxy(56.2398, 0.3108, 0.3529)	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(56.2398, 0.3108, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	B7CBB8
RGB	183, 203, 184
RGB Percent	72%, 80%, 72%
CMY	0.2825, 0.2039, 0.2784
CMYK	0.10, 0.00, 0.09, 0.20
HSL	123°, 16%, 76%
HSV	123°, 10%, 80%
XYZ	49.5305, 56.2398, 53.5943
YIQ	194.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

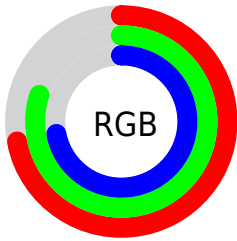
Format	Color
R _{YB}	183, 202, 203
Decimal	12045240
CIE Lab	79.75, -10.36, 7.17
CIE LCh	80, 12.598, 145.288
Yxy	56.2398, 0.3108, 0.3529
Android (android.graphics.Color)	4290235320 (0xFFB7CBB8)
YUV	194.8540, -5.3510, -10.3960
Hunter-Lab	74.9932, -13.3447, 10.1233

Details

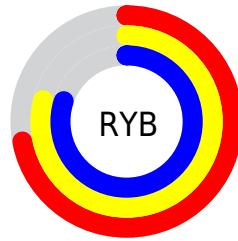
The Yxy color **56.2398, 0.3108, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8152, 0.3147, 0.3062**, and the grayscale version is **54.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1620, 0.3114, 0.3439**, and **27.8794, 0.3103, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **53.1770, 0.3087, 0.3803**, and if you desaturate by 10%, it is **59.7763, 0.3127, 0.3287**.

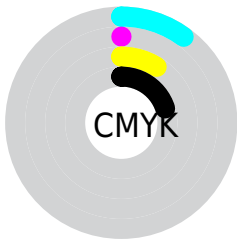
Distribution



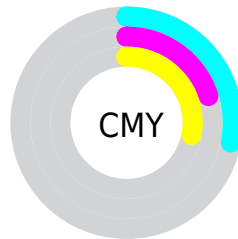
- Red (72%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2398, 0.3108, 0.3529 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 56.2398, 0.3108, 0.3529 by changing the saturation by 10% instead.


 56.2398, 0.3108,
0.3529

 56.2398, 0.3108,
0.3529


410.5946, 0.3118,
0.3411

 40.3952, 0.3105,
0.3558


 99.3551, 0.3112,
0.3487

 27.8468, 0.3102,
0.3595


127.3946, 0.3113,
0.3471

 18.2102, 0.3097,
0.3643


160.2679, 0.3114,
0.3457

 11.1010, 0.3090,
0.3710

198.3593, 0.3115,
0.3445

 6.1348, 0.3078,
0.3807

242.0533, 0.3116,
0.3435

 2.9272, 0.3058,
0.3964

291.7343, 0.3117,

 1.0939, 0.3043,

0.3426

0.4305

347.7866, 0.3118,
0.3418

0.0000, 0.0000,
0.0000

56.2398, 0.3108,
0.3529

56.2398, 0.3108,
0.3529

53.1770, 0.3087,
0.3803

59.7763, 0.3127,
0.3287

50.5610, 0.3066,
0.4109

63.7978, 0.3145,
0.3077

48.3731, 0.3045,
0.4439

68.3243, 0.3161,
0.2895

46.5905, 0.3025,
0.4783

71.1979, 0.3151,
0.2782

45.1882, 0.3008,
0.5121

■ 44.1386, 0.2996,
0.5431

■ 43.4103, 0.2990,
0.5686

■ 42.9663, 0.2990,
0.5868

■ 42.7432, 0.2992,
0.5970

Harmonies

Analogous

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



56.2398, 0.3272, 0.3581



56.2398, 0.3108, 0.3529



56.2398, 0.2952, 0.3407

Triad

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



56.2398, 0.3108, 0.3529



56.2398, 0.2859, 0.3030



56.2398, 0.3418, 0.3314

Complementary

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



56.2398, 0.3108, 0.3529



50.8152, 0.3147, 0.3062

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.



56.2398, 0.3302, 0.3175



56.2398, 0.3108, 0.3529



56.2398, 0.2978, 0.3014

Square

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



56.2398, 0.3108, 0.3529



56.2398, 0.2810, 0.3117



56.2398, 0.3140, 0.3067



56.2398, 0.3454, 0.3451

Rectangle

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



56.2398, 0.3108, 0.3529



56.2398, 0.2873, 0.3306



56.2398, 0.3140, 0.3067



56.2398, 0.3387, 0.3267

Sweetspot

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



56.2422, 0.3108, 0.3529



98.1194, 0.3121, 0.3360



58.6935, 0.3265, 0.3531



20.8967, 0.3120, 0.3380



0.0000, 0.0000, 0.0000



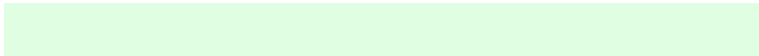
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2422, 0.3108, 0.3529



92.9214, 0.3103, 0.3589



56.6760, 0.3038, 0.3402



12.5462, 0.3109, 0.3517



27.2004, 0.2990, 0.5963



1.4066, 0.2955, 0.5838

Inverse Universe

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



50.8152, 0.3147, 0.3062



81.9050, 0.3151, 0.3008



50.3574, 0.3226, 0.3181



11.3933, 0.3146, 0.3073



10.5202, 0.3342, 0.1615



0.5459, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 56.2398, 0.3108, 0.3529 looks on a white background.

Color Contrast Check

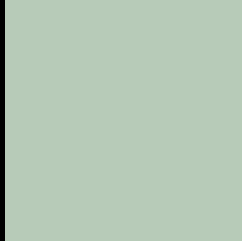
Large Text (above 18pt) WCAG AA × Fail

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 56.2398, 0.3108, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

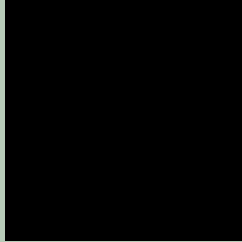
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

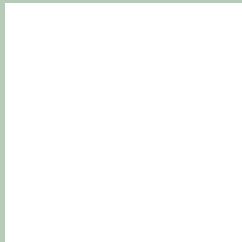
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2398, 0.3108, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 56.2398, 0.3108, 0.3529.



This preview shows how white text looks on a background with the Yxy color 56.2398, 0.3108, 0.3529.

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

56.2398, 0.3108, 0.3529

Protanopia

56.2478, 0.3312, 0.3483

Deuteranopia

56.0651, 0.3400, 0.3337



Tritanopia

56.3933, 0.2938, 0.3109

Trichromacy



Original Color

56.2398, 0.3108, 0.3529

Protanomaly

56.0946, 0.3237, 0.3499

Deuteranomaly

55.8408, 0.3293, 0.3398

Tritanomaly

56.0595, 0.2999, 0.3253

Monochromacy



Original Color

56.2398, 0.3108, 0.3529

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2261, 0.3123, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2398, 0.3108, 0.3529 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(183, 203, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 203, 184)  
}
```

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(183, 203, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 203, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.2398, 0.3108, 0.3529 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(183, 203, 184) }
```

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

```
.border{ border-color:rgb(183, 203, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 203, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 203, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 203, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 203,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2398, 0.3108, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 203, 184) }
```

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

```
.background{ background-color: rgb(183,  
203, 184) }
```

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