

Converting Colors

$Yxy(56.6813, 0.3073, 0.3571)$

Have a look what the booklet for
Yxy(56.6813, 0.3073, 0.3571)
contains.

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Color

Yxy(56.5465, 0.3076, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	B2CDB7
RGB	178, 205, 183
RGB Percent	70%, 80%, 72%
CMY	0.3021, 0.1960, 0.2823
CMYK	0.13, 0.00, 0.11, 0.20
HSL	131°, 21%, 75%
HSV	131°, 13%, 80%
XYZ	48.7355, 56.5465, 53.1559
YIQ	194.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

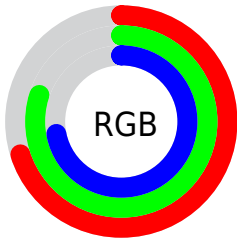
Format	Color
RYB	178, 201, 205
Decimal	11718071
CIELab	79.92, -13.27, 7.91
CIElCh	80, 15.446, 149.215
Yxy	56.5465, 0.3076, 0.3569
Android (android.graphics.Color)	4289908151 (0xFFB2CDB7)
YUV	194.4190, -5.6296, -14.3995
Hunter-Lab	75.1974, -15.9094, 10.7270

Details

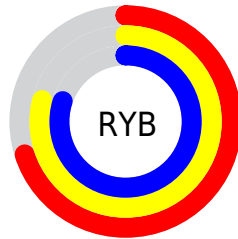
The Yxy color **56.5465, 0.3076, 0.3569** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9792, 0.3183, 0.3026**, and the grayscale version is **54.2472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2444, 0.3089, 0.3450**, and **28.1049, 0.3060, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **53.6489, 0.3037, 0.3812**, and if you desaturate by 10%, it is **59.8935, 0.3115, 0.3353**.

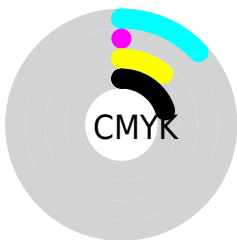
Distribution



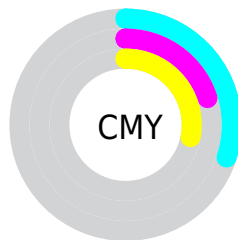
- Red (70%)
- Green (80%)
- Blue (72%)



- Red (70%)
- Yellow (79%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)




- Cyan (30%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5465, 0.3076, 0.3569 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 56.5465, 0.3076, 0.3569 by changing the saturation by 10% instead.

 56.5465, 0.3076,
0.3569

 56.5465, 0.3076,
0.3569


411.7478, 0.3102,
0.3431

 40.6413, 0.3069,
0.3603


 99.8032, 0.3086,
0.3519

 28.0389, 0.3061,
0.3646


127.9234, 0.3089,
0.3501

 18.3550, 0.3049,
0.3703


160.8840, 0.3092,
0.3485

 11.2051, 0.3033,
0.3782

199.0695, 0.3095,
0.3471

 6.2050, 0.3008,
0.3897

242.8643, 0.3097,
0.3459

 2.9701, 0.2966,
0.4083

292.6526, 0.3099,

 1.1162, 0.2904,

0.3449

0.4501

348.8190, 0.3101,
0.3440

0.0000, 0.0000,
0.0000

56.5465, 0.3076,
0.3569

56.5465, 0.3076,
0.3569

53.6489, 0.3037,
0.3812

59.8935, 0.3115,
0.3353

51.1747, 0.3000,
0.4081

63.7005, 0.3153,
0.3164

49.1060, 0.2967,
0.4371

67.9867, 0.3189,
0.2999

47.4210, 0.2940,
0.4674

71.8117, 0.3187,
0.2850

46.0955, 0.2922,
0.4978

72.1473, 0.3150,
0.2802

■ 45.1028, 0.2915,
0.5267

■ 44.4123, 0.2921,
0.5521

■ 43.9875, 0.2939,
0.5724

■ 43.8090, 0.2953,
0.5830

Harmonies

Analogous

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



56.5465, 0.3279, 0.3645



56.5465, 0.3076, 0.3569



56.5465, 0.2891, 0.3410

Triad

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



56.5465, 0.3076, 0.3569



56.5465, 0.2814, 0.2965



56.5465, 0.3496, 0.3341

Complementary

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



56.5465, 0.3076, 0.3569



48.9792, 0.3183, 0.3026

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.



56.5465, 0.3364, 0.3171



56.5465, 0.3076, 0.3569



56.5465, 0.2968, 0.2958

Square

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



56.5465, 0.3076, 0.3569



56.5465, 0.2744, 0.3059



56.5465, 0.3169, 0.3033



56.5465, 0.3526, 0.3505

Rectangle

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



56.5465, 0.3076, 0.3569



56.5465, 0.2802, 0.3283



56.5465, 0.3169, 0.3033



56.5465, 0.3462, 0.3283

Sweetspot

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



56.5489, 0.3076, 0.3569



97.5937, 0.3112, 0.3371



59.1673, 0.3283, 0.3617



20.7952, 0.3109, 0.3386



0.0000, 0.0000, 0.0000



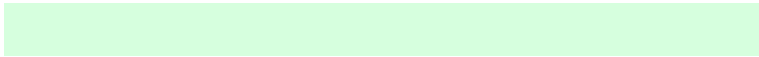
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5489, 0.3076, 0.3569



91.1103, 0.3064, 0.3639



57.1351, 0.2984, 0.3397



12.5706, 0.3091, 0.3484



27.2802, 0.2947, 0.5811



1.4179, 0.2849, 0.5458

Inverse Universe

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



48.9792, 0.3183, 0.3026



76.1936, 0.3197, 0.2964



48.3788, 0.3294, 0.3186



11.3664, 0.3166, 0.3104



9.8239, 0.3741, 0.1835



0.5163, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 56.5465, 0.3076, 0.3569 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 56.5465, 0.3076, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

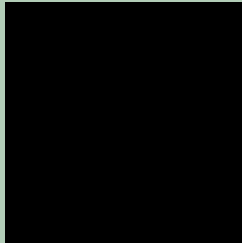
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

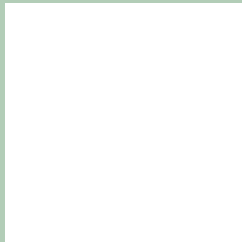
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5465, 0.3076, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 56.5465, 0.3076, 0.3569.

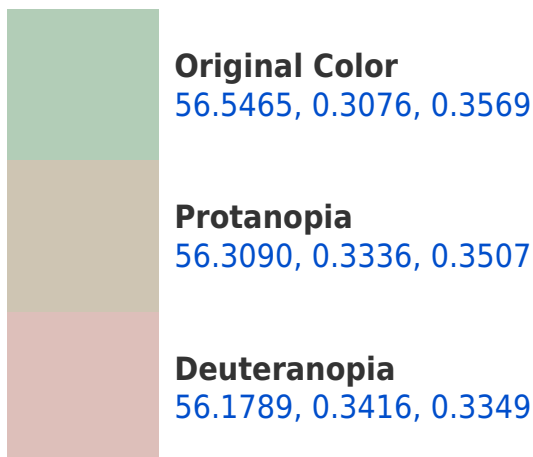


This preview shows how white text looks on a background with the Yxy color 56.5465, 0.3076, 0.3569.

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





Tritanopia

56.4568, 0.2896, 0.3096

Trichromacy



Original Color

56.5465, 0.3076, 0.3569

Protanomaly

56.3396, 0.3242, 0.3536

Deuteranomaly

55.9618, 0.3283, 0.3423

Tritanomaly

56.5458, 0.2963, 0.3265

Monochromacy



Original Color

56.5465, 0.3076, 0.3569

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7972, 0.3107, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5465, 0.3076, 0.3569 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(178, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 183)  
}
```

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(178, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.5465, 0.3076, 0.3569 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(178, 205, 183) }
```

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

```
.border{ border-color:rgb(178, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5465, 0.3076, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 183) }
```

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

```
.background{ background-color: rgb(178,  
205, 183) }
```

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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