

Converting Colors

Yxy(56.8024, 0.3069, 0.3473)

Have a look what the booklet for
Yxy(56.8024, 0.3069, 0.3473)
contains.

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Color

Yxy(56.9271, 0.3073, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	B7CCBD
RGB	183, 204, 189
RGB Percent	72%, 80%, 74%
CMY	0.2822, 0.2000, 0.2588
CMYK	0.10, 0.00, 0.07, 0.20
HSL	137°, 17%, 76%
HSV	137°, 10%, 80%
XYZ	50.3126, 56.9271, 56.4850
YIQ	196.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

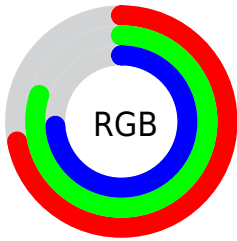
Format	Color
R _{YB}	183, 199, 204
Decimal	12045501
CIE Lab	80.14, -9.92, 5.05
CIE LCh	80, 11.137, 153.010
Yxy	56.9271, 0.3073, 0.3477
Android (android.graphics.Color)	4290235581 (0xFFB7CCBD)
YUV	196.0110, -3.4564, -11.4106
Hunter-Lab	75.4500, -13.0078, 8.4281

Details

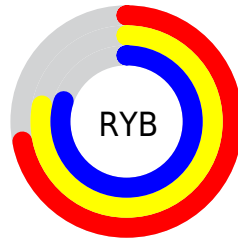
The Yxy color **56.9271, 0.3073, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7948, 0.3186, 0.3110**, and the grayscale version is **55.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4633, 0.3086, 0.3389**, and **28.3361, 0.3056, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **54.0042, 0.3021, 0.3682**, and if you desaturate by 10%, it is **60.2810, 0.3126, 0.3295**.

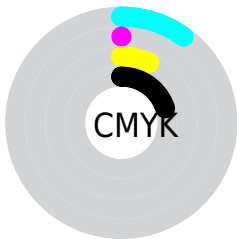
Distribution



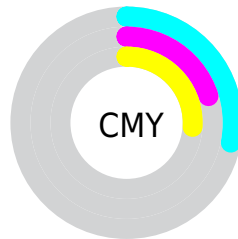
- Red (72%)
- Green (80%)
- Blue (74%)



- Red (72%)
- Yellow (78%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9271, 0.3073, 0.3477 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 56.9271, 0.3073, 0.3477 by changing the saturation by 10% instead.

■ 56.9271, 0.3073,
0.3477

■ 56.9271, 0.3073,
0.3477

413.1761, 0.3100,
0.3385

■ 40.9467, 0.3066,
0.3499

■ 100.3588, 0.3083,
0.3444

■ 28.2775, 0.3058,
0.3528

128.5789, 0.3086,
0.3432

■ 18.5349, 0.3047,
0.3565

161.6477, 0.3089,
0.3421

■ 11.3347, 0.3031,
0.3616

199.9496, 0.3092,
0.3412

■ 6.2924, 0.3009,
0.3691

243.8690, 0.3094,
0.3404

■ 3.0237, 0.2972,
0.3810

293.7903, 0.3096,

■ 1.1441, 0.2906,

0.3397

0.4032

350.0979, 0.3098,
0.3391

0.0153, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9271, 0.3073,
0.3477

56.9271, 0.3073,
0.3477

54.0042, 0.3021,
0.3682

60.2810, 0.3126,
0.3295

51.4878, 0.2971,
0.3910

64.0752, 0.3178,
0.3134

49.3616, 0.2926,
0.4159

68.3275, 0.3228,
0.2994

47.6056, 0.2889,
0.4424

71.1802, 0.3204,
0.2863

■ 46.1979, 0.2862,
0.4698

■ 71.6638, 0.3151,
0.2791

■ 45.1141, 0.2850,
0.4970

■ 44.3267, 0.2853,
0.5227

■ 43.8033, 0.2872,
0.5455

■ 43.4911, 0.2900,
0.5641

Harmonies

Analogous

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



56.9271, 0.3220, 0.3541



56.9271, 0.3073, 0.3477



56.9271, 0.2943, 0.3360

Triad

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



56.9271, 0.3073, 0.3477



56.9271, 0.2912, 0.3051



56.9271, 0.3399, 0.3345

Complementary

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



56.9271, 0.3073, 0.3477



50.7948, 0.3186, 0.3110

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.



56.9271, 0.3313, 0.3219



56.9271, 0.3073, 0.3477



56.9271, 0.3030, 0.3052

Square

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



56.9271, 0.3073, 0.3477



56.9271, 0.2852, 0.3113



56.9271, 0.3177, 0.3113



56.9271, 0.3410, 0.3460

Rectangle

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



56.9271, 0.3073, 0.3477



56.9271, 0.2883, 0.3270



56.9271, 0.3177, 0.3113



56.9271, 0.3378, 0.3302

Sweetspot

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



56.9295, 0.3073, 0.3477



98.2306, 0.3111, 0.3343



58.6174, 0.3232, 0.3544



20.9266, 0.3107, 0.3357



0.0000, 0.0000, 0.0000



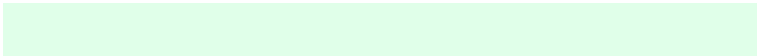
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9295, 0.3073, 0.3477



93.3217, 0.3063, 0.3514



57.3996, 0.3001, 0.3346



12.5887, 0.3078, 0.3460



27.3890, 0.2894, 0.5617



1.4262, 0.2781, 0.5212

Inverse Universe

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



50.7948, 0.3186, 0.3110



81.4572, 0.3198, 0.3076



50.3292, 0.3270, 0.3235



11.3471, 0.3181, 0.3126



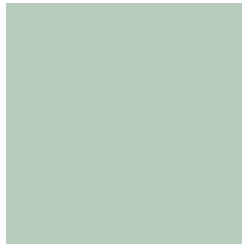
9.3996, 0.4082, 0.2022



0.4976, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 56.9271, 0.3073, 0.3477 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 56.9271, 0.3073, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

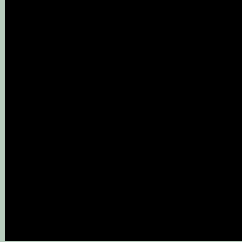
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

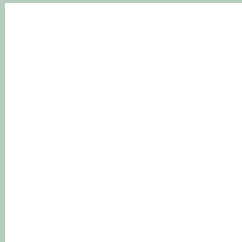
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9271, 0.3073, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 56.9271, 0.3073, 0.3477.

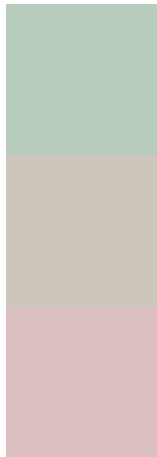


This preview shows how white text looks on a background with the Yxy color 56.9271, 0.3073, 0.3477.

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

56.9271, 0.3073, 0.3477

Protanopia

56.9125, 0.3272, 0.3434

Deuteranopia

56.6765, 0.3366, 0.3302



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

56.9271, 0.3073, 0.3477

Protanomaly

56.7667, 0.3198, 0.3449

Deuteranomaly

56.4630, 0.3261, 0.3362

Tritanomaly

56.6686, 0.2978, 0.3229

Monochromacy



Original Color

56.9271, 0.3073, 0.3477

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7735, 0.3108, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9271, 0.3073, 0.3477 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, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 189)  
}
```

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, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.9271, 0.3073, 0.3477 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, 204, 189) }
```

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

```
.border{ border-color:rgb(183, 204, 189) }
```

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

Here you see how a box with a 4 pixel rgb(183, 204, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9271, 0.3073, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 189) }
```

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

```
.background{ background-color: rgb(183,  
204, 189) }
```

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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