

Converting Colors

Yxy(56.7904, 0.3051, 0.3468)

Have a look what the booklet for
Yxy(56.7904, 0.3051, 0.3468)
contains.

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Color

Yxy(56.7272, 0.3051, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCBE
RGB	181, 204, 190
RGB Percent	71%, 80%, 75%
CMY	0.2901, 0.2000, 0.2549
CMYK	0.11, 0.00, 0.07, 0.20
HSL	143°, 18%, 75%
HSV	143°, 11%, 80%
XYZ	49.9494, 56.7272, 57.0383
YIQ	195.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

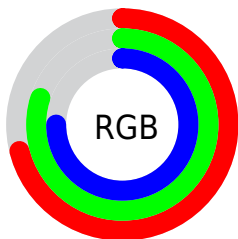
Format	Color
R _{YB}	181, 198, 204
Decimal	11914430
CIE Lab	80.03, -10.41, 4.34
CIE LCh	80, 11.281, 157.389
Yxy	56.7272, 0.3051, 0.3465
Android (android.graphics.Color)	4290104510 (0xFFB5CCBE)
YUV	195.5270, -2.7248, -12.7402
Hunter-Lab	75.3175, -13.4270, 7.8216

Details

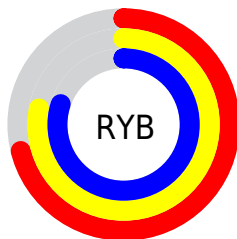
The Yxy color **56.7272, 0.3051, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8382, 0.3212, 0.3121**, and the grayscale version is **54.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1783, 0.3068, 0.3379**, and **28.2080, 0.3027, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **53.9206, 0.2985, 0.3641**, and if you desaturate by 10%, it is **59.9460, 0.3119, 0.3308**.

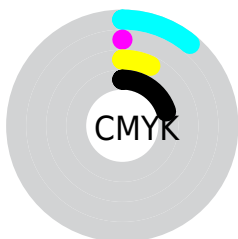
Distribution



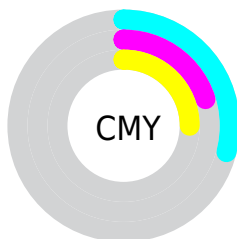
- Red (71%)
- Green (80%)
- Blue (75%)



- Red (71%)
- Yellow (78%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)




- Cyan (29%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7272, 0.3051, 0.3465 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 56.7272, 0.3051, 0.3465 by changing the saturation by 10% instead.


 56.7272, 0.3051,
0.3465

 56.7272, 0.3051,
0.3465


412.4263, 0.3088,
0.3379

 40.7863, 0.3042,
0.3486

 100.0670, 0.3064,
0.3434

 28.1521, 0.3030,
0.3512


128.2347, 0.3070,
0.3423

 18.4404, 0.3015,
0.3547


161.2467, 0.3074,
0.3413

 11.2666, 0.2994,
0.3595

199.4876, 0.3078,
0.3404

 6.2464, 0.2963,
0.3665

243.3415, 0.3081,
0.3397

 2.9955, 0.2914,
0.3776

293.1930, 0.3084,

 1.1294, 0.2824,

0.3390

0.3983

349.4265, 0.3086,
0.3384

0.0029, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7272, 0.3051,
0.3465

56.7272, 0.3051,
0.3465

53.9206, 0.2985,
0.3641

59.9460, 0.3119,
0.3308

51.5022, 0.2923,
0.3835

63.5856, 0.3186,
0.3170

49.4565, 0.2867,
0.4046

67.6632, 0.3252,
0.3048

47.7639, 0.2821,
0.4272

70.7172, 0.3259,
0.2935

■ 46.4034, 0.2789,
0.4508

■ 71.4798, 0.3171,
0.2818

■ 45.3514, 0.2772,
0.4745

■ 71.6638, 0.3151,
0.2791

■ 44.5808, 0.2774,
0.4977

■ 44.0599, 0.2795,
0.5193

■ 43.7597, 0.2824,
0.5365

Harmonies

Analogous

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



56.7272, 0.3200, 0.3539



56.7272, 0.3051, 0.3465



56.7272, 0.2925, 0.3341

Triad

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



56.7272, 0.3051, 0.3465



56.7272, 0.2924, 0.3044



56.7272, 0.3410, 0.3364

Complementary

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



56.7272, 0.3051, 0.3465



49.8382, 0.3212, 0.3121

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.



56.7272, 0.3332, 0.3236



56.7272, 0.3051, 0.3465



56.7272, 0.3050, 0.3055

Square

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



56.7272, 0.3051, 0.3465



56.7272, 0.2853, 0.3098



56.7272, 0.3199, 0.3124



56.7272, 0.3409, 0.3476

Rectangle

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



56.7272, 0.3051, 0.3465



56.7272, 0.2870, 0.3249



56.7272, 0.3199, 0.3124



56.7272, 0.3392, 0.3321

Sweetspot

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



56.7296, 0.3051, 0.3465



98.2814, 0.3107, 0.3335



58.1491, 0.3224, 0.3571



20.9403, 0.3101, 0.3347



0.0000, 0.0000, 0.0000



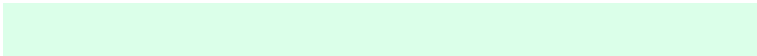
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7296, 0.3051, 0.3465



92.5248, 0.3031, 0.3514



57.2433, 0.2974, 0.3323



12.6084, 0.3064, 0.3434



27.5612, 0.2816, 0.5338



1.4366, 0.2705, 0.4937

Inverse Universe

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



49.8382, 0.3212, 0.3121



78.4329, 0.3237, 0.3076



49.3460, 0.3304, 0.3258



11.3265, 0.3197, 0.3150



9.0182, 0.4491, 0.2248



0.4799, 0.4176, 0.2074

Previews

White Background



This preview shows how the Yxy color 56.7272, 0.3051, 0.3465 looks on a white background.

Color Contrast Check

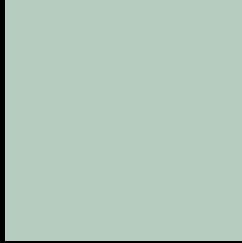
Large Text (above 18pt) WCAG AA × Fail

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 56.7272, 0.3051, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

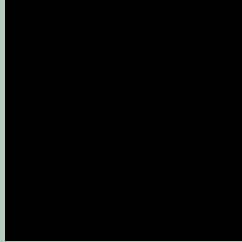
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

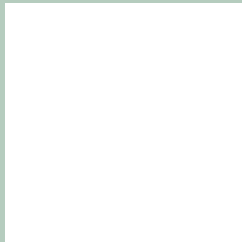
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7272, 0.3051, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 56.7272, 0.3051, 0.3465.



This preview shows how white text looks on a background with the Yxy color 56.7272, 0.3051, 0.3465.

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

56.7272, 0.3051, 0.3465

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

56.6096, 0.3342, 0.3279



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.7272, 0.3051, 0.3465

Protanomaly

56.6322, 0.3190, 0.3449

Deuteranomaly

56.2648, 0.3229, 0.3338

Tritanomaly

56.4686, 0.2957, 0.3216

Monochromacy



Original Color

56.7272, 0.3051, 0.3465

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8183, 0.3101, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7272, 0.3051, 0.3465 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(181, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 190)  
}
```

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(181, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 190) }
```

Border

The CSS property to change the border of an element to Yxy 56.7272, 0.3051, 0.3465 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(181, 204, 190) }
```

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

```
.border{ border-color:rgb(181, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7272, 0.3051, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 190) }
```

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

```
.background{ background-color: rgb(181,  
204, 190) }
```

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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