

Converting Colors

$Yxy(56.6405, 0.3064, 0.3391)$

Have a look what the booklet for
Yxy(56.6405, 0.3064, 0.3391)
contains.

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Color

Yxy(56.5752, 0.3061, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	BACAC2
RGB	186, 202, 194
RGB Percent	73%, 79%, 76%
CMY	0.2708, 0.2078, 0.2392
CMYK	0.08, 0.00, 0.04, 0.21
HSL	150°, 13%, 76%
HSV	150°, 8%, 79%
XYZ	51.0996, 56.5752, 59.2629
YIQ	196.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

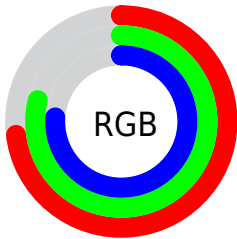
Format	Color
R _Y B	186, 197, 202
Decimal	12241602
CIE Lab	79.94, -6.97, 2.12
CIE LCh	80, 7.285, 163.085
Yxy	56.5752, 0.3061, 0.3389
Android (android.graphics.Color)	4290431682 (0xFFBACAC2)
YUV	196.3040, -1.1359, -9.0366
Hunter-Lab	75.2165, -10.3617, 5.9371

Details

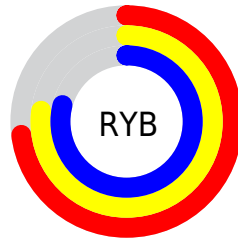
The Yxy color **56.5752, 0.3061, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5533, 0.3199, 0.3193**, and the grayscale version is **55.4013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2994, 0.3076, 0.3339**, and **28.0598, 0.3050, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **53.7863, 0.2980, 0.3527**, and if you desaturate by 10%, it is **59.7573, 0.3144, 0.3266**.

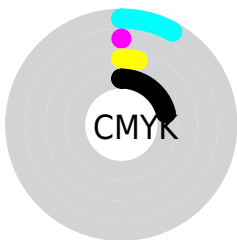
Distribution



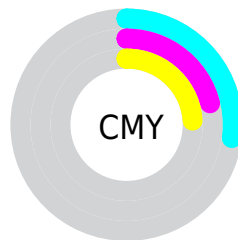
- Red (73%)
- Green (79%)
- Blue (76%)



- Red (73%)
- Yellow (77%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5752, 0.3061, 0.3389 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 56.5752, 0.3061, 0.3389 by changing the saturation by 10% instead.


 56.5752, 0.3061,
0.3389

 56.5752, 0.3061,
0.3389


411.8556, 0.3093,
0.3341

 40.6643, 0.3053,
0.3401

 99.8451, 0.3073,
0.3372

 28.0569, 0.3043,
0.3415


127.9728, 0.3077,
0.3365

 18.3685, 0.3030,
0.3435


160.9417, 0.3081,
0.3360

 11.2149, 0.3013,
0.3461

199.1359, 0.3084,
0.3355

 6.2116, 0.2987,
0.3500

242.9401, 0.3087,
0.3351

 2.9741, 0.2947,
0.3560

292.7385, 0.3089,

 1.1183, 0.2876,

0.3347

0.3670

348.9155, 0.3091,
0.3344

0.0000, 0.0000,
0.0000

56.5752, 0.3061,
0.3389

56.5752, 0.3061,
0.3389

53.7863, 0.2980,
0.3527

59.7573, 0.3144,
0.3266

51.3680, 0.2902,
0.3679

63.3401, 0.3228,
0.3157

49.3060, 0.2832,
0.3846

67.3399, 0.3310,
0.3061

47.5823, 0.2772,
0.4025

69.4697, 0.3299,
0.2966

46.1776, 0.2725,
0.4214

70.0675, 0.3226,
0.2870

■ 45.0703, 0.2695,
0.4409

■ 70.6988, 0.3155,
0.2776

■ 44.2358, 0.2684,
0.4605

■ 70.7288, 0.3151,
0.2772

■ 43.6459, 0.2693,
0.4797

■ 43.2587, 0.2720,
0.4979

Harmonies

Analogous

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



56.5752, 0.3157, 0.3444



56.5752, 0.3061, 0.3389



56.5752, 0.2984, 0.3307

Triad

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



56.5752, 0.3061, 0.3389



56.5752, 0.3009, 0.3128



56.5752, 0.3313, 0.3354

Complementary

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



56.5752, 0.3061, 0.3389



51.5533, 0.3199, 0.3193

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.



56.5752, 0.3272, 0.3271



56.5752, 0.3061, 0.3389



56.5752, 0.3096, 0.3142

Square

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



56.5752, 0.3061, 0.3389



56.5752, 0.2954, 0.3156



56.5752, 0.3192, 0.3194



56.5752, 0.3303, 0.3422

Rectangle

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



56.5752, 0.3061, 0.3389



56.5752, 0.2953, 0.3249



56.5752, 0.3192, 0.3194



56.5752, 0.3305, 0.3327

Sweetspot

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



56.5776, 0.3061, 0.3389



98.8825, 0.3110, 0.3314



57.2599, 0.3180, 0.3487



21.1766, 0.3111, 0.3313



0.0000, 0.0000, 0.0000



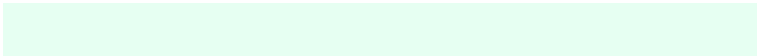
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5776, 0.3061, 0.3389



94.6871, 0.3043, 0.3418



56.9478, 0.3005, 0.3290



12.6291, 0.3049, 0.3408



27.8057, 0.2720, 0.4992



1.4498, 0.2620, 0.4633

Inverse Universe

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



51.5533, 0.3199, 0.3193



84.0007, 0.3221, 0.3166



51.2026, 0.3263, 0.3290



11.3056, 0.3213, 0.3175



8.7012, 0.4945, 0.2498



0.4642, 0.4516, 0.2261

Previews

White Background



This preview shows how the Yxy color 56.5752, 0.3061, 0.3389 looks on a white background.

Color Contrast Check

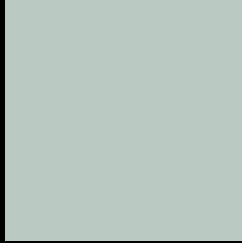
Large Text (above 18pt) WCAG AA × Fail

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 56.5752, 0.3061, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

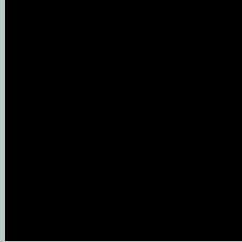
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

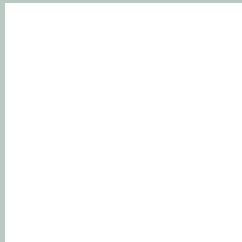
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5752, 0.3061, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 56.5752, 0.3061, 0.3389.

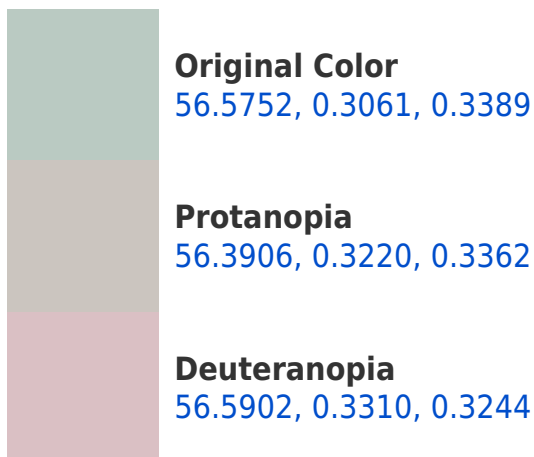


This preview shows how white text looks on a background with the Yxy color 56.5752, 0.3061, 0.3389.

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

56.5720, 0.2939, 0.3098

Trichromacy



Original Color

56.5752, 0.3061, 0.3389

Protanomaly

56.5229, 0.3163, 0.3375

Deuteranomaly

56.5418, 0.3215, 0.3302

Tritanomaly

56.5049, 0.2986, 0.3205

Monochromacy



Original Color

56.5752, 0.3061, 0.3389

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5348, 0.3102, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5752, 0.3061, 0.3389 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(186, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 194)  
}
```

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(186, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 194) }
```

Border

The CSS property to change the border of an element to Yxy 56.5752, 0.3061, 0.3389 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(186, 202, 194) }
```

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

```
.border{ border-color:rgb(186, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5752, 0.3061, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 194) }
```

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

```
.background{ background-color: rgb(186,  
202, 194) }
```

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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