

Converting Colors

$Y_{xy}(56.5822, 0.2988, 0.3297)$

Have a look what the booklet for
Yxy(56.5822, 0.2988, 0.3297)
contains.

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Color

Yxy(56.5254, 0.2990, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAC9
RGB	183, 202, 201
RGB Percent	72%, 79%, 79%
CMY	0.2825, 0.2078, 0.2117
CMYK	0.09, 0.00, 0.00, 0.21
HSL	177°, 15%, 75%
HSV	177°, 9%, 79%
XYZ	51.1844, 56.5254, 63.4755
YIQ	196.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

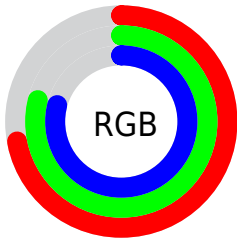
Format	Color
RYP	183, 193, 202
Decimal	12045001
CIELab	79.91, -6.62, -1.71
CIElCh	80, 6.841, 194.474
Yxy	56.5254, 0.2990, 0.3302
Android (android.graphics.Color)	4290235081 (0xFFB7CAC9)
YUV	196.2050, 2.3639, -11.5808
Hunter-Lab	75.1834, -10.0491, 2.5712

Details

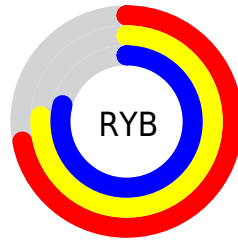
The Yxy color **56.5254, 0.2990, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8672, 0.3282, 0.3278**, and the grayscale version is **55.3193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.0322, 0.2956, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **54.1764, 0.2852, 0.3316**, and if you desaturate by 10%, it is **59.2350, 0.3136, 0.3289**.

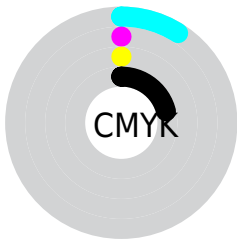
Distribution



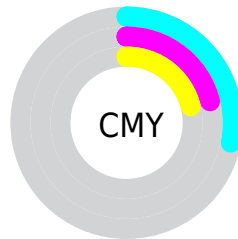
- Red (72%)
- Green (79%)
- Blue (79%)



- Red (72%)
- Yellow (76%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




- Cyan (28%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5254, 0.2990, 0.3302 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 56.5254, 0.2990, 0.3302 by changing the saturation by 10% instead.


 56.5254, 0.2990,
0.3302

 56.5254, 0.2990,
0.3302

411.6685, 0.3056,
0.3297

 40.6243, 0.2974,
0.3303


 99.7724, 0.3014,
0.3300

 28.0257, 0.2954,
0.3305


127.8870, 0.3023,
0.3299

 18.3450, 0.2928,
0.3307


160.8417, 0.3030,
0.3299

 11.1980, 0.2893,
0.3309

199.0207, 0.3037,
0.3298

 6.2001, 0.2843,
0.3312

242.8085, 0.3043,
0.3298

 2.9672, 0.2765,
0.3317

292.5895, 0.3048,

 1.1146, 0.2629,

0.3297

0.3322

348.7480, 0.3052,
0.3297

0.0000, 0.0000,
0.0000

56.5254, 0.2990,
0.3302

56.5254, 0.2990,
0.3302

54.1764, 0.2852,
0.3316

59.2350, 0.3136,
0.3289

52.1659, 0.2725,
0.3331

62.3122, 0.3286,
0.3278

50.4800, 0.2610,
0.3347

65.7728, 0.3438,
0.3268

49.1012, 0.2512,
0.3364

67.9295, 0.3521,
0.3258

48.0105, 0.2431,
0.3381

67.9813, 0.3512,
0.3247

■ 47.1866, 0.2369,
0.3398

■ 68.0335, 0.3504,
0.3236

■ 46.6053, 0.2327,
0.3416

■ 68.0860, 0.3496,
0.3225

■ 46.2382, 0.2302,
0.3433

■ 68.1389, 0.3488,
0.3214

■ 46.0350, 0.2293,
0.3450

■ 68.1921, 0.3479,
0.3203

Harmonies

Analogous

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



56.5254, 0.3061, 0.3380



56.5254, 0.2990, 0.3302



56.5254, 0.2955, 0.3222

Triad

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



56.5254, 0.2990, 0.3302



56.5254, 0.3102, 0.3153



56.5254, 0.3291, 0.3417

Complementary

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



56.5254, 0.2990, 0.3302



49.8672, 0.3282, 0.3278

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.



56.5254, 0.3302, 0.3354



56.5254, 0.2990, 0.3302



56.5254, 0.3192, 0.3203

Square

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



56.5254, 0.2990, 0.3302



56.5254, 0.3019, 0.3137



56.5254, 0.3266, 0.3276



56.5254, 0.3235, 0.3446

Rectangle

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



56.5254, 0.2990, 0.3302



56.5254, 0.2957, 0.3179



56.5254, 0.3266, 0.3276



56.5254, 0.3300, 0.3399

Sweetspot

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



56.5278, 0.2990, 0.3302



98.5518, 0.3082, 0.3294



55.8839, 0.3126, 0.3530



21.0134, 0.3070, 0.3295



0.0000, 0.0000, 0.0000



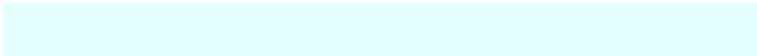
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5278, 0.2990, 0.3302



94.9677, 0.2966, 0.3304



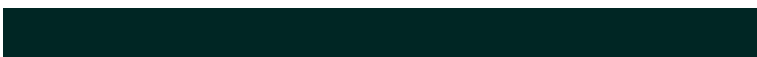
52.8025, 0.2982, 0.3187



12.7164, 0.2990, 0.3302



29.6157, 0.2291, 0.3449



1.5310, 0.2282, 0.3415

Inverse Universe

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



49.8672, 0.3282, 0.3278



81.7963, 0.3314, 0.3276



53.3316, 0.3280, 0.3391



11.2231, 0.3282, 0.3278



8.0992, 0.6338, 0.3265



0.4213, 0.6130, 0.3151

Previews

White Background



This preview shows how the Yxy color 56.5254, 0.2990, 0.3302 looks on a white background.

Color Contrast Check

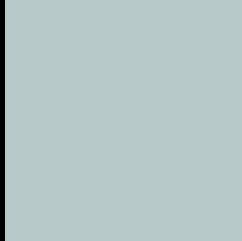
Large Text (above 18pt) WCAG AA × Fail

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 56.5254, 0.2990, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

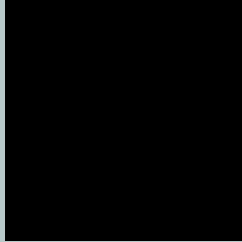
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

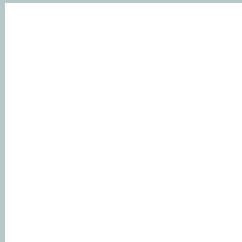
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5254, 0.2990, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 56.5254, 0.2990, 0.3302.

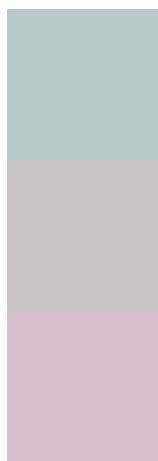


This preview shows how white text looks on a background with the Yxy color 56.5254, 0.2990, 0.3302.

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

56.5254, 0.2990, 0.3302

Protanopia

56.4272, 0.3151, 0.3278

Deuteranopia

56.4581, 0.3230, 0.3163



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.5254, 0.2990, 0.3302

Protanomaly

56.4397, 0.3088, 0.3290

Deuteranomaly

56.4406, 0.3138, 0.3219

Tritanomaly

56.6668, 0.2930, 0.3168

Monochromacy



Original Color

56.5254, 0.2990, 0.3302

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5417, 0.3073, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5254, 0.2990, 0.3302 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, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 201)  
}
```

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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.5254, 0.2990, 0.3302 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, 202, 201) }
```

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

```
.border{ border-color:rgb(183, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5254, 0.2990, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 201) }
```

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

```
.background{ background-color: rgb(183,  
202, 201) }
```

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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