

Converting Colors

$Yxy(55.7877, 0.2948, 0.3288)$

Have a look what the booklet for
Yxy(55.7877, 0.2948, 0.3288)
contains.

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Color

Yxy(55.9703, 0.2947, 0.3289)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B2CACA |
| RGB | 178, 202, 202 |
| RGB Percent | 70%, 79%, 79% |
| CMY | 0.3018, 0.2079, 0.2077 |
| CMYK | 0.12, 0.00, 0.00, 0.21 |
| HSL | 180°, 18%, 75% |
| HSV | 180°, 12%, 79% |
| XYZ | 50.1503, 55.9703, 64.0536 |
| YIQ | 194.8240, -14.3040, -5.0880 |

Conversions

Conversions Part 2

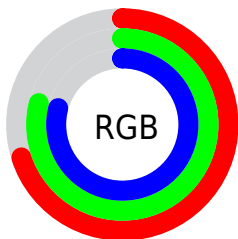
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 178, 190, 202 |
| Decimal | 11717322 |
| CIE Lab | 79.60, -8.02, -2.76 |
| CIE LCh | 80, 8.485, 198.972 |
| Yxy | 55.9703, 0.2947, 0.3289 |
| Android (android.graphics.Color) | 4289907402 (0xFFB2CACA) |
| YUV | 194.8240, 3.5378, -14.7546 |
| Hunter-Lab | 74.8133, -11.2676, 1.6065 |

Details

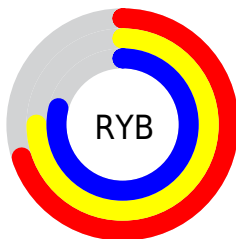
The Yxy color **55.9703, 0.2947, 0.3289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6474, 0.3339, 0.3291**, and the grayscale version is **54.4537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.6779, 0.2899, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **53.7414, 0.2805, 0.3288**, and if you desaturate by 10%, it is **58.5558, 0.3098, 0.3290**.

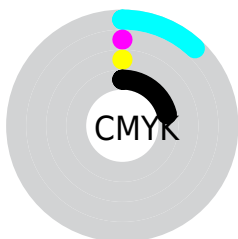
Distribution



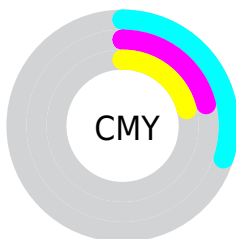
- Red (70%)
- Green (79%)
- Blue (79%)



- Red (70%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




- Cyan (30%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9703, 0.2947, 0.3289 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 55.9703, 0.2947, 0.3289 by changing the saturation by 10% instead.


 55.9703, 0.2947,
0.3289

 55.9703, 0.2947,
0.3289

409.5796, 0.3034,
0.3290

 40.1791, 0.2926,
0.3289

 98.9612, 0.2978,
0.3290

 27.6782, 0.2900,
0.3288


126.9296, 0.2990,
0.3290

 18.0832, 0.2866,
0.3287


159.7259, 0.3000,
0.3290

 11.0098, 0.2819,
0.3285

197.7345, 0.3009,
0.3290

 6.0734, 0.2753,
0.3283

241.3398, 0.3016,
0.3290

 2.8898, 0.2651,
0.3277

290.9261, 0.3023,

 1.0745, 0.2473,

0.3290

0.3264

346.8779, 0.3029,
0.3290

0.0000, 0.0000,
0.0000

55.9703, 0.2947,
0.3289

55.9703, 0.2947,
0.3289

53.7414, 0.2805,
0.3288

58.5558, 0.3098,
0.3290

51.8469, 0.2675,
0.3287

61.5054, 0.3255,
0.3291

50.2725, 0.2560,
0.3287

64.8348, 0.3416,
0.3291

49.0005, 0.2462,
0.3286

67.8193, 0.3546,
0.3292

48.0113, 0.2382,
0.3285

67.8334, 0.3546,
0.3292

■ 47.2830, 0.2321,
0.3284

■ 67.8476, 0.3546,
0.3293

■ 46.7906, 0.2280,
0.3284

■ 67.8617, 0.3546,
0.3293

■ 46.5040, 0.2256,
0.3283

■ 67.8758, 0.3546,
0.3293

■ 46.3787, 0.2245,
0.3283

■ 67.8899, 0.3546,
0.3294

Harmonies

Analogous

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



55.9703, 0.3029, 0.3389



55.9703, 0.2947, 0.3289



55.9703, 0.2912, 0.3192

Triad

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



55.9703, 0.2947, 0.3289



55.9703, 0.3112, 0.3127



55.9703, 0.3324, 0.3456

Complementary

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



55.9703, 0.2947, 0.3289



47.6474, 0.3339, 0.3291

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.



55.9703, 0.3347, 0.3383



55.9703, 0.2947, 0.3289



55.9703, 0.3224, 0.3194

Square

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



55.9703, 0.2947, 0.3289



55.9703, 0.3006, 0.3100



55.9703, 0.3310, 0.3287



55.9703, 0.3247, 0.3486

Rectangle

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



55.9703, 0.2947, 0.3289



55.9703, 0.2920, 0.3142



55.9703, 0.3310, 0.3287



55.9703, 0.3338, 0.3435

Sweetspot

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



55.9726, 0.2947, 0.3289



98.1068, 0.3065, 0.3290



54.9398, 0.3113, 0.3598



20.9251, 0.3053, 0.3290



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.



55.9726, 0.2947, 0.3289



93.8128, 0.2913, 0.3289



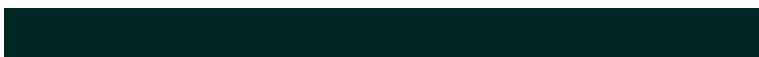
50.5770, 0.2944, 0.3138



12.7241, 0.2984, 0.3289



29.8362, 0.2245, 0.3283



1.5402, 0.2246, 0.3284

Inverse Universe

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



48.6811, 0.3141, 0.3001



79.2963, 0.3144, 0.2944



52.6180, 0.3321, 0.3438



11.4035, 0.3138, 0.3062



10.8150, 0.3213, 0.1544



0.5580, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 55.9703, 0.2947, 0.3289 looks on a white background.

Color Contrast Check

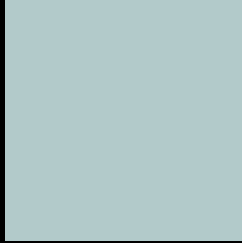
Large Text (above 18pt) WCAG AA × Fail

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 55.9703, 0.2947, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

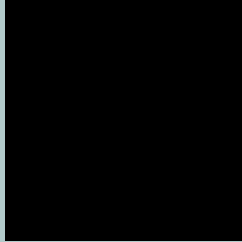
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

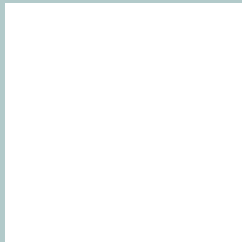
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9703, 0.2947, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 55.9703, 0.2947, 0.3289.

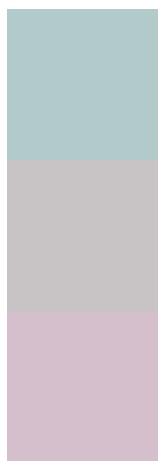


This preview shows how white text looks on a background with the Yxy color 55.9703, 0.2947, 0.3289.

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

55.9703, 0.2947, 0.3289

Protanopia

55.8364, 0.3144, 0.3266

Deuteranopia

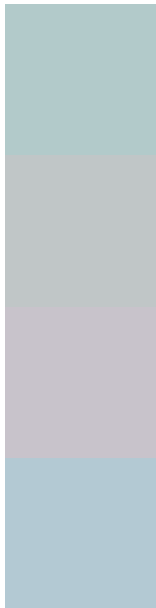
55.7674, 0.3207, 0.3140



Tritanopia

55.9697, 0.2868, 0.3094

Trichromacy



Original Color

55.9703, 0.2947, 0.3289

Protanomaly

55.7182, 0.3073, 0.3278

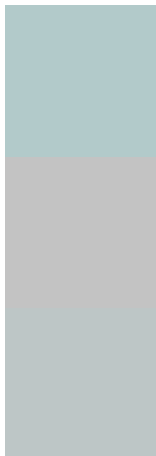
Deuteranomaly

55.6214, 0.3108, 0.3194

Tritanomaly

56.0601, 0.2894, 0.3166

Monochromacy



Original Color

55.9703, 0.2947, 0.3289

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2842, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9703, 0.2947, 0.3289 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, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 202)  
}
```

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, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.9703, 0.2947, 0.3289 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, 202, 202) }
```

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

```
.border{ border-color:rgb(178, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9703, 0.2947, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 202) }
```

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

```
.background{ background-color: rgb(178,  
202, 202) }
```

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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