

Converting Colors

$Y_{xy}(55.2176, 0.3131, 0.3425)$

Have a look what the booklet for
Yxy(55.2176, 0.3131, 0.3425)
contains.

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Color

Yxy(55.2965, 0.3129, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	BDC7BC
RGB	189, 199, 188
RGB Percent	74%, 78%, 74%
CMY	0.2587, 0.2196, 0.2629
CMYK	0.05, 0.00, 0.06, 0.22
HSL	114°, 9%, 76%
HSV	114°, 6%, 78%
XYZ	50.4881, 55.2965, 55.5708
YIQ	194.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

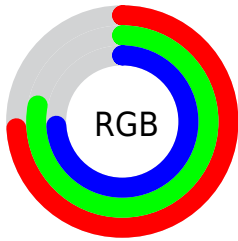
Format	Color
RYB	188, 199, 198
Decimal	12437436
CIELab	79.21, -5.46, 4.33
CIELCh	79, 6.966, 141.592
Yxy	55.2965, 0.3129, 0.3427
Android (android.graphics.Color)	4290627516 (0xFFBDC7BC)
YUV	194.7560, -3.3307, -5.0480
Hunter-Lab	74.3616, -8.9396, 7.7454

Details

The Yxy color **55.2965, 0.3129, 0.3427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0752, 0.3125, 0.3156**, and the grayscale version is **54.4438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4641, 0.3128, 0.3397**, and **27.2343, 0.3130, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **52.3381, 0.3131, 0.3699**, and if you desaturate by 10%, it is **58.6636, 0.3125, 0.3187**.

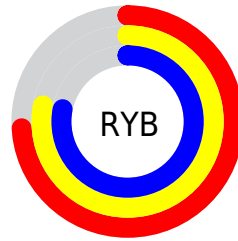
Distribution



Red (74%)

Green (78%)

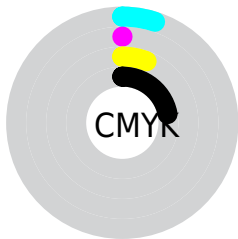
Blue (74%)



Red (74%)

Yellow (78%)

Blue (78%)

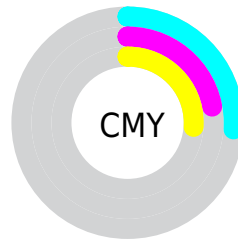


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2965, 0.3129, 0.3427 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 55.2965, 0.3129, 0.3427 by changing the saturation by 10% instead.

■ 55.2965, 0.3129,
0.3427

■ 55.2965, 0.3129,
0.3427

407.0349, 0.3128,
0.3360

■ 39.6392, 0.3129,
0.3443

■ 97.9752, 0.3129,
0.3403

■ 27.2573, 0.3129,
0.3464

125.7654, 0.3129,
0.3394

■ 17.7666, 0.3129,
0.3492

158.3687, 0.3129,
0.3386

■ 10.7825, 0.3129,
0.3529

196.1694, 0.3129,
0.3379

■ 5.9208, 0.3128,
0.3584

239.5520, 0.3129,
0.3374

■ 2.7970, 0.3126,
0.3671

288.9008, 0.3129,


■ 1.0267, 0.3131,


0.3368


0.3845


344.6003, 0.3128,
0.3364


 0.0000, 0.0000,
0.0000


 55.2965, 0.3129,
0.3427

 55.2965, 0.3129,
0.3427


 52.3381, 0.3131,
0.3699

 58.6636, 0.3125,
0.3187


 49.7661, 0.3131,
0.4003


 62.4467, 0.3121,
0.2977

 47.5666, 0.3127,
0.4333

 66.6619, 0.3115,
0.2796

 45.7223, 0.3120,
0.4679

 69.3275, 0.3153,
0.2742

 44.2146, 0.3109,
0.5025

■ 43.0229, 0.3092,
0.5347

■ 42.1246, 0.3072,
0.5622

■ 41.4940, 0.3050,
0.5825

■ 41.1006, 0.3028,
0.5947

Harmonies

Analogous

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



55.2965, 0.3219, 0.3451



55.2965, 0.3129, 0.3427



55.2965, 0.3040, 0.3365

Triad

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



55.2965, 0.3129, 0.3427



55.2965, 0.2971, 0.3149



55.2965, 0.3283, 0.3295

Complementary

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



55.2965, 0.3129, 0.3427



52.0752, 0.3125, 0.3156

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.



55.2965, 0.3214, 0.3217



55.2965, 0.3129, 0.3427



55.2965, 0.3035, 0.3134

Square

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



55.2965, 0.3129, 0.3427



55.2965, 0.2949, 0.3203



55.2965, 0.3123, 0.3158



55.2965, 0.3309, 0.3373

Rectangle

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



55.2965, 0.3129, 0.3427



55.2965, 0.2992, 0.3310



55.2965, 0.3123, 0.3158



55.2965, 0.3264, 0.3268

Sweetspot

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



55.2989, 0.3129, 0.3427



98.8115, 0.3128, 0.3339



56.1135, 0.3209, 0.3411



21.1622, 0.3128, 0.3337



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.



55.2989, 0.3129, 0.3427



95.9690, 0.3129, 0.3467



55.3577, 0.3089, 0.3372



12.0615, 0.3130, 0.3478



26.3722, 0.3025, 0.5980



1.2657, 0.3106, 0.5916

Inverse Universe

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



52.0752, 0.3125, 0.3156



88.8130, 0.3124, 0.3118



52.0170, 0.3167, 0.3210



11.1116, 0.3124, 0.3108



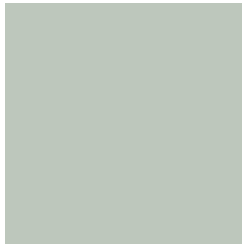
8.9098, 0.2972, 0.1411



0.4372, 0.3024, 0.1440

Previews

White Background



This preview shows how the Yxy color 55.2965, 0.3129, 0.3427 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 55.2965, 0.3129, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

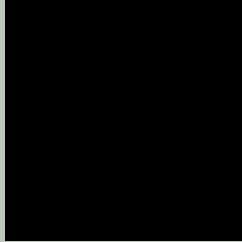
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

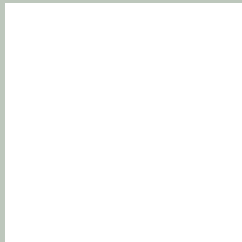
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2965, 0.3129, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 55.2965, 0.3129, 0.3427.

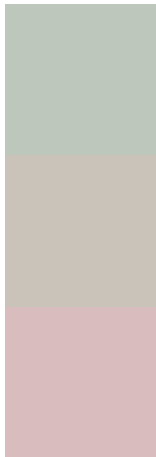


This preview shows how white text looks on a background with the Yxy color 55.2965, 0.3129, 0.3427.

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

55.2965, 0.3129, 0.3427

Protanopia

55.1319, 0.3252, 0.3399

Deuteranopia

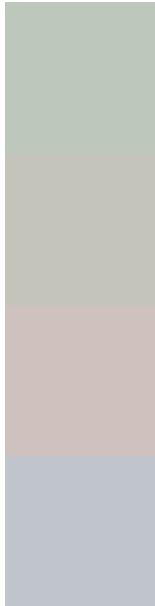
54.8646, 0.3353, 0.3279



Tritanopia

55.5205, 0.2996, 0.3110

Trichromacy



Original Color

55.2965, 0.3129, 0.3427

Protanomaly

54.9380, 0.3202, 0.3400

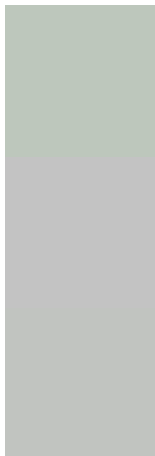
Deuteranomaly

55.0794, 0.3272, 0.3338

Tritanomaly

55.4508, 0.3045, 0.3217

Monochromacy



Original Color

55.2965, 0.3129, 0.3427

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6231, 0.3133, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2965, 0.3129, 0.3427 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(189, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 188)  
}
```

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(189, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.2965, 0.3129, 0.3427 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(189, 199, 188) }
```

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

```
.border{ border-color:rgb(189, 199, 188) }
```

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

Here you see how a box with a 4 pixel rgb(189, 199, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2965, 0.3129, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 188) }
```

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

```
.background{ background-color: rgb(189,  
199, 188) }
```

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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