

Converting Colors

Yxy(53.2590, 0.3089, 0.3443)

Have a look what the booklet for
Yxy(53.2590, 0.3089, 0.3443)
contains.

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Color

Yxy(53.2590, 0.3089, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5B9
RGB	181, 197, 185
RGB Percent	71%, 77%, 73%
CMY	0.2901, 0.2275, 0.2746
CMYK	0.08, 0.00, 0.06, 0.23
HSL	135°, 12%, 74%
HSV	135°, 8%, 77%
XYZ	47.7831, 53.2590, 53.6457
YIQ	190.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

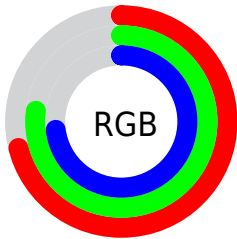
Format	Color
RYB	181, 194, 197
Decimal	11912633
CIELab	78.03, -7.72, 4.15
CIELCh	78, 8.767, 151.718
Yxy	53.2590, 0.3089, 0.3443
Android (android.graphics.Color)	4290102713 (0xFFB5C5B9)
YUV	190.8480, -2.8831, -8.6367
Hunter-Lab	72.9788, -10.8395, 7.5018

Details

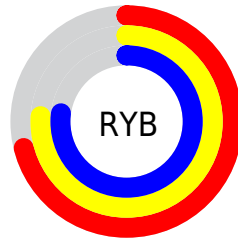
The Yxy color **53.2590, 0.3089, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7853, 0.3168, 0.3142**, and the grayscale version is **52.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2390, 0.3096, 0.3419**, and **25.9001, 0.3076, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **50.4509, 0.3042, 0.3654**, and if you desaturate by 10%, it is **56.4738, 0.3136, 0.3256**.

Distribution



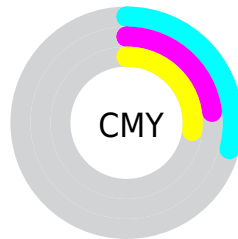
- Red (71%)
- Green (77%)
- Blue (73%)



- Red (71%)
- Yellow (76%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)




- Cyan (29%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2590, 0.3089, 0.3443 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 53.2590, 0.3089, 0.3443 by changing the saturation by 10% instead.


 53.2590, 0.3089,
0.3443

 53.2590, 0.3089,
0.3443


399.2780, 0.3108,
0.3367

 38.0096, 0.3084,
0.3462


 94.9854, 0.3096,
0.3416

 25.9901, 0.3078,
0.3485

122.2311, 0.3099,
0.3405

 16.8162, 0.3070,
0.3517


154.2444, 0.3101,
0.3397

 10.1036, 0.3059,
0.3560

191.4096, 0.3103,
0.3389

 5.4677, 0.3042,
0.3625

234.1112, 0.3104,
0.3383

 2.5242, 0.3014,
0.3729

282.7336, 0.3106,

 0.8887, 0.2953,

0.3377

0.3999

337.6610, 0.3107,
0.3372

0.0000, 0.0000,
0.0000

53.2590, 0.3089,
0.3443

53.2590, 0.3089,
0.3443

50.4509, 0.3042,
0.3654

56.4738, 0.3136,
0.3256

48.0267, 0.2996,
0.3889

60.1036, 0.3182,
0.3093

45.9714, 0.2954,
0.4147

64.1650, 0.3226,
0.2950

44.2666, 0.2919,
0.4422

67.7431, 0.3230,
0.2821

42.8923, 0.2892,
0.4708

68.4114, 0.3154,
0.2722

■ 41.8263, 0.2878,
0.4992

■ 41.0436, 0.2877,
0.5259

■ 40.5153, 0.2892,
0.5495

■ 40.1983, 0.2918,
0.5688

Harmonies

Analogous

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



53.2590, 0.3207, 0.3492



53.2590, 0.3089, 0.3443



53.2590, 0.2983, 0.3351

Triad

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



53.2590, 0.3089, 0.3443



53.2590, 0.2951, 0.3098



53.2590, 0.3344, 0.3331

Complementary

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



53.2590, 0.3089, 0.3443



48.7853, 0.3168, 0.3142

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.



53.2590, 0.3272, 0.3229



53.2590, 0.3089, 0.3443



53.2590, 0.3045, 0.3097

Square

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



53.2590, 0.3089, 0.3443



53.2590, 0.2904, 0.3151



53.2590, 0.3162, 0.3144



53.2590, 0.3356, 0.3424

Rectangle

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



53.2590, 0.3089, 0.3443



53.2590, 0.2932, 0.3279



53.2590, 0.3162, 0.3144



53.2590, 0.3326, 0.3296

Sweetspot

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



53.2613, 0.3089, 0.3443



98.8006, 0.3118, 0.3327



54.6425, 0.3216, 0.3488



21.1600, 0.3118, 0.3325



0.0000, 0.0000, 0.0000



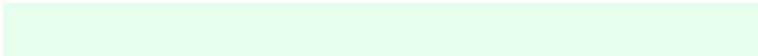
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2613, 0.3089, 0.3443



94.3044, 0.3079, 0.3484



53.5983, 0.3033, 0.3343



11.9301, 0.3083, 0.3469



26.4205, 0.2916, 0.5699



1.2630, 0.2798, 0.5274

Inverse Universe

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



48.7853, 0.3168, 0.3142



84.3971, 0.3179, 0.3103



48.4476, 0.3230, 0.3237



10.7702, 0.3175, 0.3118



9.2360, 0.3943, 0.1946



0.4483, 0.3759, 0.1844

Previews

White Background



This preview shows how the Yxy color 53.2590, 0.3089, 0.3443 looks on a white background.

Color Contrast Check

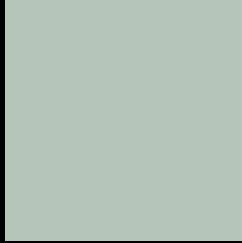
Large Text (above 18pt) WCAG AA × Fail

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 53.2590, 0.3089, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

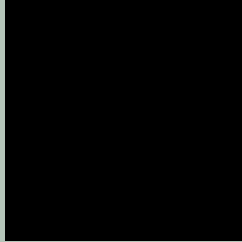
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

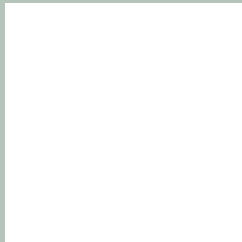
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2590, 0.3089, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 53.2590, 0.3089, 0.3443.



This preview shows how white text looks on a background with the Yxy color 53.2590, 0.3089, 0.3443.

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

53.2590, 0.3089, 0.3443

Protanopia

53.2188, 0.3261, 0.3413

Deuteranopia

52.8518, 0.3348, 0.3279



Tritanopia

53.0577, 0.2949, 0.3093

Trichromacy



Original Color

53.2590, 0.3089, 0.3443

Protanomaly

53.2089, 0.3194, 0.3427

Deuteranomaly

52.7896, 0.3249, 0.3339

Tritanomaly

52.9441, 0.3005, 0.3215

Monochromacy



Original Color

53.2590, 0.3089, 0.3443

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3788, 0.3109, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2590, 0.3089, 0.3443 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, 197, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 185)  
}
```

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, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.2590, 0.3089, 0.3443 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, 197, 185) }
```

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

```
.border{ border-color:rgb(181, 197, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2590, 0.3089, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 185) }
```

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

```
.background{ background-color: rgb(181,  
197, 185) }
```

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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