

Converting Colors

$Yxy(53.8854, 0.3225, 0.3573)$

Have a look what the booklet for
Yxy(53.8854, 0.3225, 0.3573)
contains.

Yxy(53.8465, 0.3226, 0.3568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.8465, 0.3226, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	BDC5AF
RGB	189, 197, 175
RGB Percent	74%, 77%, 69%
CMY	0.2589, 0.2274, 0.3137
CMYK	0.04, 0.00, 0.11, 0.23
HSL	82°, 16%, 73%
HSV	82°, 11%, 77%
XYZ	48.6852, 53.8465, 48.3834
YIQ	192.1000, 2.2940, -8.5380

Conversions

Conversions Part 2

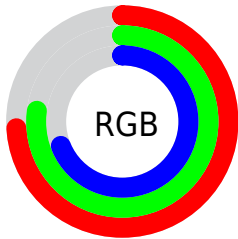
Format	Color
RYB	175, 197, 183
Decimal	12436911
CIELab	78.37, -6.72, 10.09
CIELCh	78, 12.123, 123.654
Yxy	53.8465, 0.3226, 0.3568
Android (android.graphics.Color)	4290626991 (0xFFBDC5AF)
YUV	192.1000, -8.4303, -2.7187
Hunter-Lab	73.3802, -9.9867, 12.2731

Details

The Yxy color **53.8465, 0.3226, 0.3568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7631, 0.3020, 0.3008**, and the grayscale version is **52.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0656, 0.3205, 0.3517**, and **26.3092, 0.3251, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **52.2331, 0.3314, 0.3834**, and if you desaturate by 10%, it is **55.6231, 0.3137, 0.3318**.

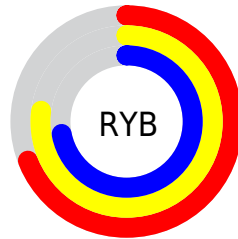
Distribution



Red (74%)

Green (77%)

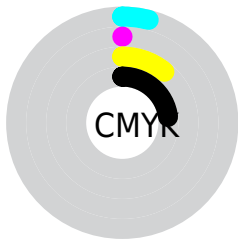
Blue (69%)



Red (69%)

Yellow (77%)

Blue (72%)

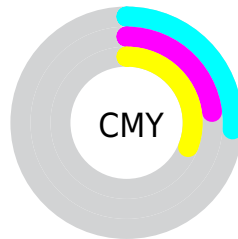


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (23%)



Cyan (26%)


Magenta (23%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8465, 0.3226, 0.3568 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 53.8465, 0.3226, 0.3568 by changing the saturation by 10% instead.

 53.8465, 0.3226,
0.3568

 53.8465, 0.3226,
0.3568


401.5244, 0.3179,
0.3431

 38.4790, 0.3237,
0.3602


 95.8488, 0.3209,
0.3518

 26.3546, 0.3251,
0.3645


123.2524, 0.3203,
0.3500

 17.0891, 0.3269,
0.3702


155.4368, 0.3197,
0.3484

 10.2981, 0.3294,
0.3781

192.7863, 0.3193,
0.3470

 5.5970, 0.3327,
0.3897

235.6855, 0.3188,
0.3458

 2.6016, 0.3377,
0.4084

284.5186, 0.3185,

 0.9275, 0.3680,

0.3448

0.4761

339.6701, 0.3182,
0.3439

0.0000, 0.0000,
0.0000

53.8465, 0.3226,
0.3568

53.8465, 0.3226,
0.3568

52.2331, 0.3314,
0.3834

55.6231, 0.3137,
0.3318

50.7705, 0.3399,
0.4112

57.5613, 0.3051,
0.3087

49.4550, 0.3477,
0.4394

59.6681, 0.2968,
0.2877

48.2803, 0.3542,
0.4669

61.9484, 0.2890,
0.2686

47.2396, 0.3590,
0.4926

63.1569, 0.2934,
0.2683

■ 46.3251, 0.3617,
0.5152

■ 64.3373, 0.2986,
0.2693

■ 45.5283, 0.3620,
0.5335

■ 65.5670, 0.3038,
0.2702

■ 44.8389, 0.3598,
0.5469

■ 66.8466, 0.3091,
0.2711

■ 44.3036, 0.3564,
0.5552

■ 68.1765, 0.3144,
0.2721

Harmonies

Analogous

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



53.8465, 0.3365, 0.3560



53.8465, 0.3226, 0.3568



53.8465, 0.3063, 0.3496

Triad

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



53.8465, 0.3226, 0.3568



53.8465, 0.2823, 0.3091



53.8465, 0.3336, 0.3214

Complementary

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



53.8465, 0.3226, 0.3568



44.7631, 0.3020, 0.3008

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.



53.8465, 0.3186, 0.3097



53.8465, 0.3226, 0.3568



53.8465, 0.2891, 0.3025

Square

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



53.8465, 0.3226, 0.3568



53.8465, 0.2834, 0.3215



53.8465, 0.3023, 0.3028



53.8465, 0.3430, 0.3353

Rectangle

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



53.8465, 0.3226, 0.3568



53.8465, 0.2963, 0.3412



53.8465, 0.3023, 0.3028



53.8465, 0.3290, 0.3171

Sweetspot

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



53.8488, 0.3226, 0.3568



98.9911, 0.3154, 0.3364



48.7119, 0.3313, 0.3387



21.1314, 0.3161, 0.3383



0.0000, 0.0000, 0.0000



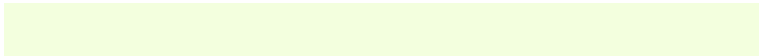
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8488, 0.3226, 0.3568



95.8219, 0.3244, 0.3621



52.5339, 0.3140, 0.3575



12.2159, 0.3210, 0.3522



29.1850, 0.3572, 0.5546



1.4219, 0.3703, 0.5442

Inverse Universe

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



44.7631, 0.3020, 0.3008



76.8677, 0.2999, 0.2954



46.1223, 0.3111, 0.3016



10.4729, 0.3039, 0.3055



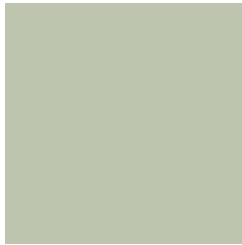
3.5996, 0.1799, 0.0765



0.2114, 0.2042, 0.0899

Previews

White Background



This preview shows how the Yxy color 53.8465, 0.3226, 0.3568 looks on a white background.

Color Contrast Check

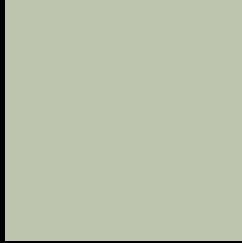
Large Text (above 18pt) WCAG AA × Fail

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 53.8465, 0.3226, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

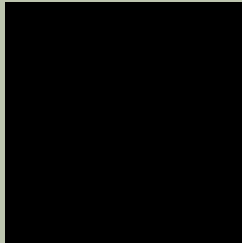
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

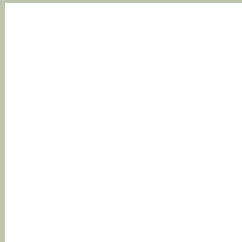
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8465, 0.3226, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 53.8465, 0.3226, 0.3568.



This preview shows how white text looks on a background with the Yxy color 53.8465, 0.3226, 0.3568.

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

53.8465, 0.3226, 0.3568

Protanopia

53.7136, 0.3355, 0.3536

Deuteranopia

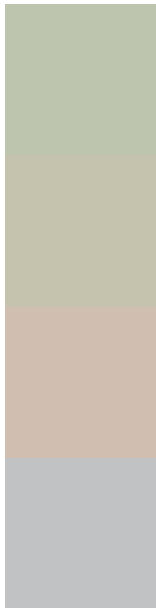
53.7750, 0.3481, 0.3408



Tritanopia

53.7227, 0.3025, 0.3097

Trichromacy



Original Color

53.8465, 0.3226, 0.3568

Protanomaly

53.5099, 0.3304, 0.3539

Deuteranomaly

53.8061, 0.3386, 0.3472

Tritanomaly

53.7756, 0.3096, 0.3265

Monochromacy



Original Color

53.8465, 0.3226, 0.3568

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2051, 0.3163, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8465, 0.3226, 0.3568 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, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 175)  
}
```

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, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 175) }
```

Border

The CSS property to change the border of an element to Yxy 53.8465, 0.3226, 0.3568 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, 197, 175) }
```

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

```
.border{ border-color:rgb(189, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8465, 0.3226, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 175) }
```

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

```
.background{ background-color: rgb(189,  
197, 175) }
```

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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