

Converting Colors

Yxy(54.0360, 0.3213, 0.3606)

Have a look what the booklet for
Yxy(54.0360, 0.3213, 0.3606)
contains.

Yxy(53.8444, 0.3216, 0.3608)	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(53.8444, 0.3216, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	BAC6AD
RGB	186, 198, 173
RGB Percent	73%, 78%, 68%
CMY	0.2704, 0.2236, 0.3216
CMYK	0.06, 0.00, 0.13, 0.22
HSL	89°, 18%, 73%
HSV	89°, 13%, 78%
XYZ	47.9943, 53.8444, 47.3974
YIQ	191.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

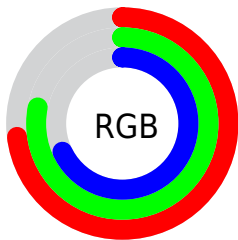
Format	Color
RYB	173, 198, 185
Decimal	12240557
CIELab	78.37, -8.61, 11.13
CIELCh	78, 14.077, 127.732
Yxy	53.8444, 0.3216, 0.3608
Android (android.graphics.Color)	4290430637 (0xFFBAC6AD)
YUV	191.5620, -9.1511, -4.8779
Hunter-Lab	73.3787, -11.6625, 13.0680

Details

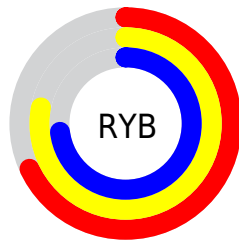
The Yxy color **53.8444, 0.3216, 0.3608** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2714, 0.3029, 0.2971**, and the grayscale version is **52.5025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9987, 0.3202, 0.3559**, and **26.3135, 0.3237, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **51.9893, 0.3285, 0.3882**, and if you desaturate by 10%, it is **55.8963, 0.3146, 0.3353**.

Distribution



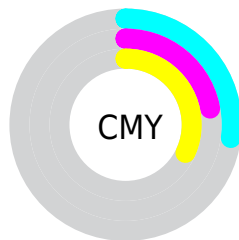
- Red (73%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8444, 0.3216, 0.3608 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 53.8444, 0.3216, 0.3608 by changing the saturation by 10% instead.

■ 53.8444, 0.3216,
0.3608

■ 53.8444, 0.3216,
0.3608

401.5164, 0.3174,
0.3450

■ 38.4773, 0.3226,
0.3647

■ 95.8457, 0.3201,
0.3551

■ 26.3533, 0.3238,
0.3697

123.2488, 0.3196,
0.3529

■ 17.0882, 0.3254,
0.3763

155.4325, 0.3191,
0.3511

■ 10.2974, 0.3274,
0.3854

192.7814, 0.3186,
0.3496

■ 5.5966, 0.3302,
0.3989

235.6799, 0.3183,
0.3482

■ 2.6014, 0.3340,
0.4206

284.5122, 0.3179,

■ 0.9273, 0.3667,

0.3470

0.5072

339.6630, 0.3177,
0.3460

0.0000, 0.0000,
0.0000

53.8444, 0.3216,
0.3608

53.8444, 0.3216,
0.3608

51.9893, 0.3285,
0.3882

55.8963, 0.3146,
0.3353

50.3175, 0.3350,
0.4171

58.1441, 0.3076,
0.3120

48.8244, 0.3406,
0.4466

60.5961, 0.3009,
0.2909

47.5027, 0.3450,
0.4757

63.2577, 0.2945,
0.2719

46.3443, 0.3477,
0.5031

64.9908, 0.2995,
0.2704

■ 45.3403, 0.3484,
0.5273

■ 66.6301, 0.3064,
0.2716

■ 44.4809, 0.3468,
0.5469

■ 68.3562, 0.3133,
0.2729

■ 43.7542, 0.3430,
0.5611

■ 68.8649, 0.3153,
0.2732

■ 43.2889, 0.3393,
0.5688

Harmonies

Analogous

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



53.8444, 0.3384, 0.3611



53.8444, 0.3216, 0.3608



53.8444, 0.3028, 0.3512

Triad

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



53.8444, 0.3216, 0.3608



53.8444, 0.2781, 0.3044



53.8444, 0.3389, 0.3223

Complementary

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



53.8444, 0.3216, 0.3608



44.2714, 0.3029, 0.2971

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.



53.8444, 0.3220, 0.3082



53.8444, 0.3216, 0.3608



53.8444, 0.2871, 0.2979

Square

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



53.8444, 0.3216, 0.3608



53.8444, 0.2780, 0.3179



53.8444, 0.3030, 0.2994



53.8444, 0.3487, 0.3383

Rectangle

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



53.8444, 0.3216, 0.3608



53.8444, 0.2916, 0.3410



53.8444, 0.3030, 0.2994



53.8444, 0.3339, 0.3172

Sweetspot

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



53.8467, 0.3216, 0.3608



98.4473, 0.3156, 0.3389



49.5789, 0.3335, 0.3437



21.0106, 0.3161, 0.3408



0.0000, 0.0000, 0.0000



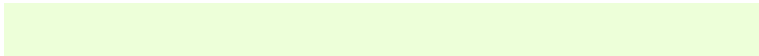
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8467, 0.3216, 0.3608



94.4722, 0.3234, 0.3678



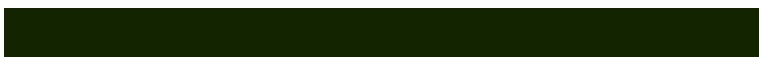
52.3814, 0.3118, 0.3617



12.1556, 0.3193, 0.3523



28.2054, 0.3403, 0.5680



1.3785, 0.3560, 0.5555

Inverse Universe

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



44.2714, 0.3029, 0.2971



74.3851, 0.3006, 0.2902



45.8556, 0.3134, 0.2982



10.5320, 0.3056, 0.3056



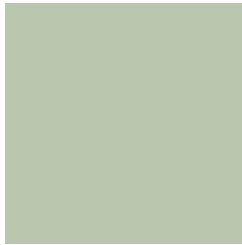
4.2719, 0.1990, 0.0870



0.2453, 0.2225, 0.0999

Previews

White Background



This preview shows how the Yxy color 53.8444, 0.3216, 0.3608 looks on a white background.

Color Contrast Check

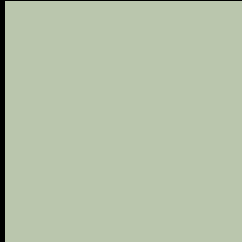
Large Text (above 18pt) WCAG AA × Fail

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 53.8444, 0.3216, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

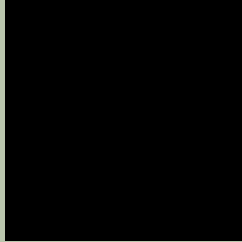
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8444, 0.3216, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 53.8444, 0.3216, 0.3608.



This preview shows how white text looks on a background with the Yxy color 53.8444, 0.3216, 0.3608.

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

53.8444, 0.3216, 0.3608

Protanopia

53.5988, 0.3379, 0.3574

Deuteranopia

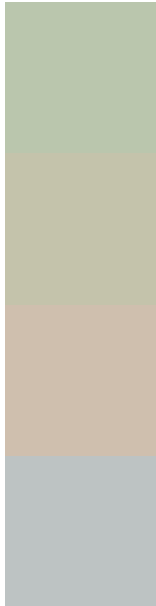
53.6959, 0.3498, 0.3432



Tritanopia

53.7704, 0.3002, 0.3108

Trichromacy



Original Color

53.8444, 0.3216, 0.3608

Protanomaly

53.7063, 0.3317, 0.3590

Deuteranomaly

53.5830, 0.3394, 0.3497

Tritanomaly

53.7892, 0.3080, 0.3290

Monochromacy



Original Color

53.8444, 0.3216, 0.3608

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0335, 0.3162, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8444, 0.3216, 0.3608 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(186, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 173)  
}
```

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(186, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 173) }
```

Border

The CSS property to change the border of an element to Yxy 53.8444, 0.3216, 0.3608 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(186, 198, 173) }
```

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

```
.border{ border-color:rgb(186, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8444, 0.3216, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 173) }
```

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

```
.background{ background-color: rgb(186,  
198, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor