

Converting Colors

$Yxy(53.3055, 0.3226, 0.3640)$

Have a look what the booklet for
Yxy(53.3055, 0.3226, 0.3640)
contains.

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Color

Yxy(53.1491, 0.3231, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	B9C5AA
RGB	185, 197, 170
RGB Percent	73%, 77%, 67%
CMY	0.2745, 0.2274, 0.3334
CMYK	0.06, 0.00, 0.14, 0.23
HSL	87°, 19%, 72%
HSV	87°, 14%, 77%
XYZ	47.2290, 53.1491, 45.7965
YIQ	190.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

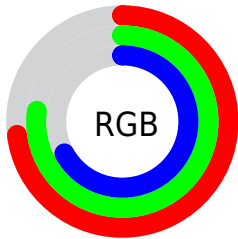
Format	Color
RYB	170, 197, 182
Decimal	12174762
CIELab	77.96, -8.98, 12.16
CIELCh	78, 15.115, 126.466
Yxy	53.1491, 0.3231, 0.3636
Android (android.graphics.Color)	4290364842 (0xFFB9C5AA)
YUV	190.3340, -10.0247, -4.6779
Hunter-Lab	72.9034, -11.9434, 13.7876

Details

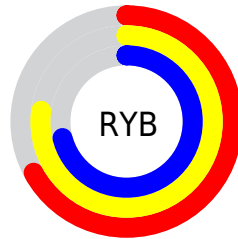
The Yxy color **53.1491, 0.3231, 0.3636** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7241, 0.3012, 0.2942**, and the grayscale version is **51.7543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0206, 0.3214, 0.3580**, and **25.8585, 0.3257, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **51.4051, 0.3305, 0.3910**, and if you desaturate by 10%, it is **55.0765, 0.3155, 0.3380**.

Distribution



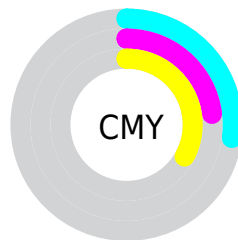
- Red (73%)
- Green (77%)
- Blue (67%)



- Red (67%)
- Yellow (77%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1491, 0.3231, 0.3636 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 53.1491, 0.3231, 0.3636 by changing the saturation by 10% instead.


 53.1491, 0.3231,
0.3636

 53.1491, 0.3231,
0.3636

398.8569, 0.3182,
0.3464

 37.9218, 0.3243,
0.3679

 94.8237, 0.3214,
0.3574

 25.9220, 0.3257,
0.3733


122.0399, 0.3207,
0.3550

 16.7653, 0.3275,
0.3806


154.0211, 0.3201,
0.3530

 10.0673, 0.3299,
0.3906

191.1517, 0.3196,
0.3513

 5.4436, 0.3332,
0.4055

233.8162, 0.3192,
0.3498

 2.5098, 0.3377,
0.4296

282.3990, 0.3188,

 0.8815, 0.3842,

0.3486

0.5475

337.2844, 0.3185,
0.3474

0.0000, 0.0000,
0.0000

53.1491, 0.3231,
0.3636

53.1491, 0.3231,
0.3636

51.4051, 0.3305,
0.3910

55.0765, 0.3155,
0.3380

49.8315, 0.3375,
0.4197

57.1862, 0.3080,
0.3144

48.4240, 0.3436,
0.4488

59.4860, 0.3008,
0.2930

47.1755, 0.3484,
0.4773

61.9812, 0.2939,
0.2737

46.0784, 0.3514,
0.5038

63.7767, 0.2961,
0.2688

■ 45.1242, 0.3523,
0.5269

■ 65.2518, 0.3025,
0.2699

■ 44.3032, 0.3509,
0.5454

■ 66.8005, 0.3089,
0.2711

■ 43.6042, 0.3472,
0.5586

■ 68.4149, 0.3154,
0.2722

■ 43.2146, 0.3442,
0.5649

Harmonies

Analogous

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



53.1491, 0.3411, 0.3634



53.1491, 0.3231, 0.3636



53.1491, 0.3028, 0.3536

Triad

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



53.1491, 0.3231, 0.3636



53.1491, 0.2752, 0.3029



53.1491, 0.3403, 0.3210

Complementary

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



53.1491, 0.3231, 0.3636



42.7241, 0.3012, 0.2942

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.



53.1491, 0.3219, 0.3061



53.1491, 0.3231, 0.3636



53.1491, 0.2845, 0.2956

Square

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



53.1491, 0.3231, 0.3636



53.1491, 0.2756, 0.3177



53.1491, 0.3014, 0.2969



53.1491, 0.3513, 0.3383

Rectangle

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



53.1491, 0.3231, 0.3636



53.1491, 0.2906, 0.3427



53.1491, 0.3014, 0.2969



53.1491, 0.3348, 0.3156

Sweetspot

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



53.1514, 0.3231, 0.3636



98.5107, 0.3158, 0.3389



48.1061, 0.3356, 0.3439



21.0267, 0.3164, 0.3407



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.



53.1514, 0.3231, 0.3636



94.3669, 0.3250, 0.3704



51.5846, 0.3125, 0.3647



12.1735, 0.3198, 0.3523



28.4727, 0.3451, 0.5642



1.3906, 0.3602, 0.5522

Inverse Universe

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



42.7241, 0.3012, 0.2942



72.6261, 0.2988, 0.2873



44.4084, 0.3127, 0.2954



10.5143, 0.3051, 0.3056



4.0498, 0.1929, 0.0836



0.2345, 0.2168, 0.0968

Previews

White Background



This preview shows how the Yxy color 53.1491, 0.3231, 0.3636 looks on a white background.

Color Contrast Check

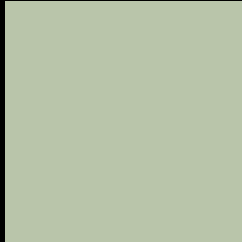
Large Text (above 18pt) WCAG AA × Fail

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 53.1491, 0.3231, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

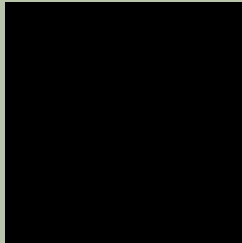
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

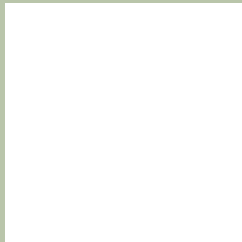
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1491, 0.3231, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 53.1491, 0.3231, 0.3636.



This preview shows how white text looks on a background with the Yxy color 53.1491, 0.3231, 0.3636.

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

53.1491, 0.3231, 0.3636

Protanopia

53.0459, 0.3405, 0.3599

Deuteranopia

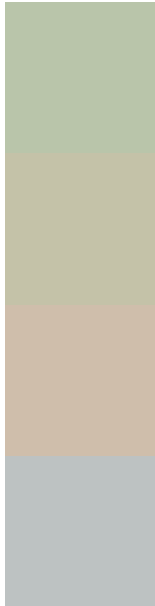
53.1564, 0.3525, 0.3456



Tritanopia

53.2806, 0.3009, 0.3107

Trichromacy



Original Color

53.1491, 0.3231, 0.3636

Protanomaly

53.1465, 0.3342, 0.3616

Deuteranomaly

53.0326, 0.3420, 0.3522

Tritanomaly

53.2974, 0.3087, 0.3290

Monochromacy



Original Color

53.1491, 0.3231, 0.3636

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2502, 0.3162, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1491, 0.3231, 0.3636 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(185, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 170)  
}
```

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(185, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 170) }
```

Border

The CSS property to change the border of an element to Yxy 53.1491, 0.3231, 0.3636 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(185, 197, 170) }
```

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

```
.border{ border-color:rgb(185, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 197, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 197, 170); box-shadow:4px 4px 4px 4px rgb(185, 197, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1491, 0.3231, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 170) }
```

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

```
.background{ background-color: rgb(185,  
197, 170) }
```

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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