

Converting Colors

Yxy(53.2137, 0.3194, 0.3535)

Have a look what the booklet for
Yxy(53.2137, 0.3194, 0.3535)
contains.

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Color

Yxy(53.2190, 0.3196, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4B1
RGB	187, 196, 177
RGB Percent	73%, 77%, 69%
CMY	0.2667, 0.2314, 0.3059
CMYK	0.05, 0.00, 0.10, 0.23
HSL	88°, 14%, 73%
HSV	88°, 10%, 77%
XYZ	48.1699, 53.2190, 49.3304
YIQ	191.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

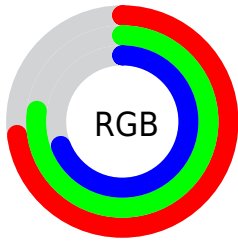
Format	Color
RYB	177, 196, 186
Decimal	12305585
CIELab	78.00, -6.55, 8.47
CIELCh	78, 10.705, 127.718
Yxy	53.2190, 0.3196, 0.3531
Android (android.graphics.Color)	4290495665 (0xFFBBC4B1)
YUV	191.1430, -6.9725, -3.6334
Hunter-Lab	72.9514, -9.8010, 10.9735

Details

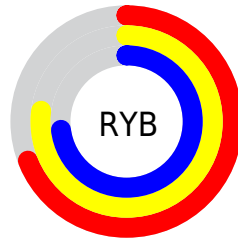
The Yxy color **53.2190, 0.3196, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8720, 0.3053, 0.3049**, and the grayscale version is **52.2300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1884, 0.3181, 0.3488**, and **25.8696, 0.3221, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **51.3613, 0.3266, 0.3799**, and if you desaturate by 10%, it is **55.2693, 0.3125, 0.3283**.

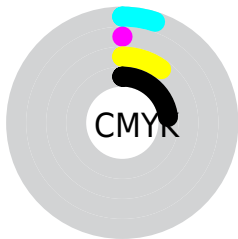
Distribution



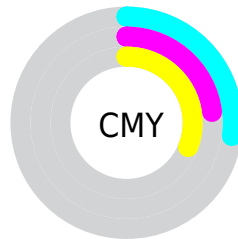
- Red (73%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2190, 0.3196, 0.3531 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 53.2190, 0.3196, 0.3531 by changing the saturation by 10% instead.


 53.2190, 0.3196,
0.3531

 53.2190, 0.3196,
0.3531

399.1248, 0.3163,
0.3412

 37.9776, 0.3204,
0.3560

 94.9265, 0.3184,
0.3488

 25.9653, 0.3214,
0.3598


122.1615, 0.3180,
0.3472

 16.7977, 0.3226,
0.3648


154.1631, 0.3176,
0.3458

 10.0904, 0.3243,
0.3717

191.3158, 0.3173,
0.3446

 5.4589, 0.3266,
0.3819

234.0039, 0.3170,
0.3436

 2.5190, 0.3301,
0.3983

282.6118, 0.3167,

 0.8861, 0.3515,

0.3427

0.4565

337.5240, 0.3165,
0.3419

0.0000, 0.0000,
0.0000

53.2190, 0.3196,
0.3531

53.2190, 0.3196,
0.3531

51.3613, 0.3266,
0.3799

55.2693, 0.3125,
0.3283

49.6831, 0.3333,
0.4084

57.5112, 0.3055,
0.3056

48.1802, 0.3393,
0.4377

59.9526, 0.2989,
0.2851

46.8455, 0.3442,
0.4671

62.5725, 0.2928,
0.2672

45.6714, 0.3475,
0.4950

64.0984, 0.2995,
0.2684

■ 44.6497, 0.3489,
0.5202

■ 65.7065, 0.3063,
0.2696

■ 43.7710, 0.3480,
0.5412

■ 67.3982, 0.3132,
0.2708

■ 43.0246, 0.3449,
0.5570

■ 67.9616, 0.3154,
0.2712

■ 42.3918, 0.3401,
0.5679

Harmonies

Analogous

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



53.2190, 0.3324, 0.3535



53.2190, 0.3196, 0.3531



53.2190, 0.3052, 0.3458

Triad

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



53.2190, 0.3196, 0.3531



53.2190, 0.2861, 0.3103



53.2190, 0.3327, 0.3239

Complementary

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



53.2190, 0.3196, 0.3531



45.8720, 0.3053, 0.3049

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.



53.2190, 0.3199, 0.3130



53.2190, 0.3196, 0.3531



53.2190, 0.2931, 0.3051

Square

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



53.2190, 0.3196, 0.3531



53.2190, 0.2861, 0.3207



53.2190, 0.3054, 0.3062



53.2190, 0.3401, 0.3363

Rectangle

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



53.2190, 0.3196, 0.3531



53.2190, 0.2966, 0.3381



53.2190, 0.3054, 0.3062



53.2190, 0.3289, 0.3200

Sweetspot

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



53.2213, 0.3196, 0.3531



98.8361, 0.3149, 0.3364



49.9744, 0.3283, 0.3402



21.0896, 0.3155, 0.3384



0.0000, 0.0000, 0.0000



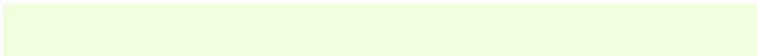
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2213, 0.3196, 0.3531



95.5369, 0.3214, 0.3596



52.0784, 0.3121, 0.3536



11.5137, 0.3194, 0.3522



27.2773, 0.3409, 0.5675



1.2194, 0.3578, 0.5541

Inverse Universe

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



45.8720, 0.3053, 0.3049



79.0795, 0.3032, 0.2983



47.0836, 0.3133, 0.3055



9.9767, 0.3056, 0.3057



4.1020, 0.1984, 0.0866



0.2182, 0.2236, 0.1006

Previews

White Background



This preview shows how the Yxy color 53.2190, 0.3196, 0.3531 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 53.2190, 0.3196, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

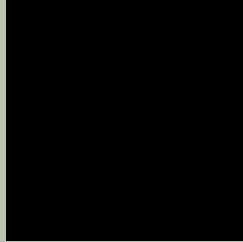
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

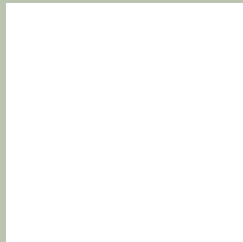
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2190, 0.3196, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 53.2190, 0.3196, 0.3531.



This preview shows how white text looks on a background with the Yxy color 53.2190, 0.3196, 0.3531.

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

53.2190, 0.3196, 0.3531

Protanopia

53.0738, 0.3324, 0.3500

Deuteranopia

52.9714, 0.3440, 0.3374



Tritanopia

53.4107, 0.3017, 0.3108

Trichromacy



Original Color

53.2190, 0.3196, 0.3531

Protanomaly

52.8766, 0.3273, 0.3503

Deuteranomaly

53.0204, 0.3346, 0.3437

Tritanomaly

53.0726, 0.3081, 0.3253

Monochromacy



Original Color

53.2190, 0.3196, 0.3531

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6322, 0.3155, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2190, 0.3196, 0.3531 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(187, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 177)  
}
```

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(187, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.2190, 0.3196, 0.3531 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(187, 196, 177) }
```

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

```
.border{ border-color:rgb(187, 196, 177) }
```

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

Here you see how a box with a 4 pixel rgb(187, 196, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2190, 0.3196, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 177) }
```

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

```
.background{ background-color: rgb(187,  
196, 177) }
```

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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