

Converting Colors

$Yxy(50.9319, 0.3330, 0.3538)$

Have a look what the booklet for
Yxy(50.9319, 0.3330, 0.3538)
contains.

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Color

Yxy(50.8996, 0.3326, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDAA
RGB	195, 189, 170
RGB Percent	76%, 74%, 67%
CMY	0.2353, 0.2588, 0.3333
CMYK	0.00, 0.03, 0.13, 0.24
HSL	46°, 17%, 72%
HSV	46°, 13%, 76%
XYZ	47.9581, 50.8996, 45.3338
YIQ	188.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

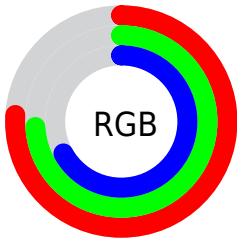
Format	Color
RYB	178, 195, 170
Decimal	12828074
CIELab	76.62, -1.16, 10.34
CIElCh	77, 10.409, 96.398
Yxy	50.8996, 0.3326, 0.3530
Android (android.graphics.Color)	4291018154 (0xFFC3BDAA)
YUV	188.6280, -9.1836, 5.5882
Hunter-Lab	71.3440, -4.8625, 12.2664

Details

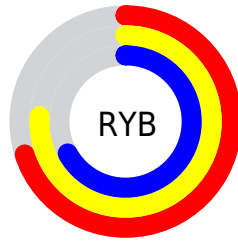
The Yxy color **50.8996, 0.3326, 0.3530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5377, 0.2928, 0.3038**, and the grayscale version is **50.7156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.3295, 0.3488**, and **24.5790, 0.3376, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **48.2399, 0.3495, 0.3725**, and if you desaturate by 10%, it is **53.7380, 0.3169, 0.3341**.

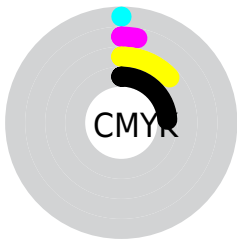
Distribution



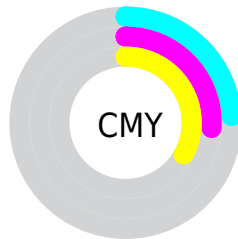
- Red (76%)
- Green (74%)
- Blue (67%)



- Red (70%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8996, 0.3326, 0.3530 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 50.8996, 0.3326, 0.3530 by changing the saturation by 10% instead.

■ 50.8996, 0.3326,
0.3530

■ 50.8996, 0.3326,
0.3530

390.1736, 0.3228,
0.3411

■ 36.1287, 0.3350,
0.3559

■ 91.5063, 0.3291,
0.3487

■ 24.5336, 0.3380,
0.3596

118.1110, 0.3278,
0.3471

■ 15.7299, 0.3420,
0.3645

149.4290, 0.3266,
0.3457

■ 9.3332, 0.3475,
0.3713

185.8448, 0.3256,
0.3446

■ 4.9592, 0.3555,
0.3812

227.7428, 0.3248,
0.3435

■ 2.2233, 0.3681,
0.3970

275.5073, 0.3241,

■ 0.7327, 0.4528,

0.3426

0.4966

329.5228, 0.3234,
0.3419

0.0000, 0.0000,
0.0000

50.8996, 0.3326,
0.3530

50.8996, 0.3326,
0.3530

48.2399, 0.3495,
0.3725

53.7380, 0.3169,
0.3341

45.7467, 0.3674,
0.3922

56.7535, 0.3025,
0.3162

43.4166, 0.3858,
0.4113

59.9532, 0.2894,
0.2995

41.2433, 0.4042,
0.4289

63.3416, 0.2777,
0.2840

39.2201, 0.4220,
0.4441

66.0910, 0.2740,
0.2821

■ 37.3394, 0.4381,
0.4558

■ 68.4660, 0.2744,
0.2874

■ 35.5928, 0.4519,
0.4632

■ 70.9092, 0.2749,
0.2927

■ 33.9699, 0.4629,
0.4659

■ 73.4212, 0.2753,
0.2979

■ 32.8663, 0.4694,
0.4655

■ 76.0024, 0.2757,
0.3031

Harmonies

Analogous

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



50.8996, 0.3398, 0.3465



50.8996, 0.3326, 0.3530



50.8996, 0.3201, 0.3529

Triad

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



50.8996, 0.3326, 0.3530



50.8996, 0.2866, 0.3213



50.8996, 0.3192, 0.3128

Complementary

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



50.8996, 0.3326, 0.3530



43.5377, 0.2928, 0.3038

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.



50.8996, 0.3049, 0.3063



50.8996, 0.3326, 0.3530



50.8996, 0.2863, 0.3109

Square

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



50.8996, 0.3326, 0.3530



50.8996, 0.2937, 0.3343



50.8996, 0.2929, 0.3055



50.8996, 0.3320, 0.3235

Rectangle

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



50.8996, 0.3326, 0.3530



50.8996, 0.3106, 0.3490



50.8996, 0.2929, 0.3055



50.8996, 0.3144, 0.3101

Sweetspot

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



50.9018, 0.3326, 0.3530



95.6018, 0.3188, 0.3365



43.5008, 0.3302, 0.3211



20.8488, 0.3200, 0.3379



0.0000, 0.0000, 0.0000



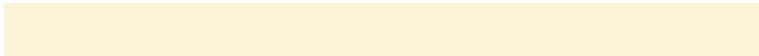
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9018, 0.3326, 0.3530



89.9917, 0.3366, 0.3577



52.7154, 0.3264, 0.3608



11.3361, 0.3270, 0.3464



21.4991, 0.4685, 0.4662



1.0300, 0.4554, 0.4766

Inverse Universe

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



43.5377, 0.2928, 0.3038



74.5670, 0.2887, 0.2986



41.9551, 0.2979, 0.2962



10.1311, 0.2983, 0.3110



3.9787, 0.1579, 0.0883



0.2831, 0.1702, 0.1328

Previews

White Background



This preview shows how the Yxy color 50.8996, 0.3326, 0.3530 looks on a white background.

Color Contrast Check

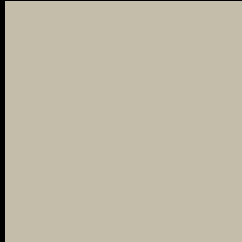
Large Text (above 18pt) WCAG AA × Fail

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 50.8996, 0.3326, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

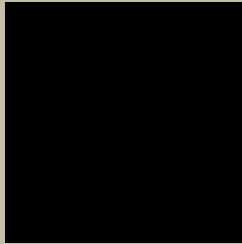
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

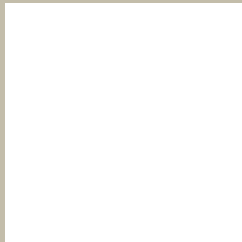
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8996, 0.3326, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 50.8996, 0.3326, 0.3530.



This preview shows how white text looks on a background with the Yxy color 50.8996, 0.3326, 0.3530.

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

50.8996, 0.3326, 0.3530

Protanopia

50.7390, 0.3345, 0.3517

Deuteranopia

50.6923, 0.3499, 0.3423



Tritanopia

50.9636, 0.3135, 0.3120

Trichromacy



Original Color

50.8996, 0.3326, 0.3530

Protanomaly

50.6045, 0.3336, 0.3517

Deuteranomaly

50.9036, 0.3430, 0.3462

Tritanomaly

50.7544, 0.3212, 0.3266

Monochromacy



Original Color

50.8996, 0.3326, 0.3530

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8490, 0.3198, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8996, 0.3326, 0.3530 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(195, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 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(195, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.8996, 0.3326, 0.3530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

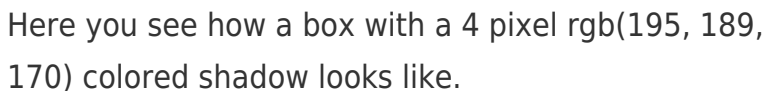
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 189, 170) }
```

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

```
.border{ border-color:rgb(195, 189, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 189, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 189, 170); box-shadow:4px 4px 4px 4px rgb(195, 189, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8996, 0.3326, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 170) }
```

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

```
.background{ background-color: rgb(195,  
189, 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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