

Converting Colors

Yxy(50.3151, 0.3304, 0.3376)

Have a look what the booklet for
Yxy(50.3151, 0.3304, 0.3376)
contains.

Yxy(50.1916, 0.3311, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.1916, 0.3311, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9B2
RGB	200, 185, 178
RGB Percent	78%, 73%, 70%
CMY	0.2156, 0.2745, 0.3019
CMYK	0.00, 0.08, 0.11, 0.22
HSL	19°, 17%, 74%
HSV	19°, 11%, 78%
XYZ	49.2107, 50.1916, 49.2255
YIQ	188.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

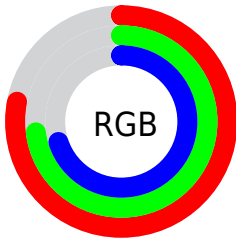
Format	Color
R _Y B	200, 188, 178
Decimal	13154738
CIE Lab	76.19, 4.14, 5.44
CIE LCh	76, 6.836, 52.774
Yxy	50.1916, 0.3311, 0.3377
Android (android.graphics.Color)	4291344818 (0xFFC8B9B2)
YUV	188.6870, -5.2687, 9.9215
Hunter-Lab	70.8460, 0.0081, 8.3961

Details

The Yxy color $50.1916, 0.3311, 0.3377$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.8024, 0.2959, 0.3201$, and the grayscale version is $50.7300, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1111, 0.3263, 0.3359$, and $24.0942, 0.3367, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $44.0030, 0.3510, 0.3461$, and if you desaturate by 10%, it is $57.0513, 0.3142, 0.3298$.

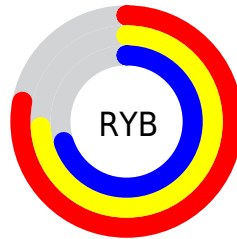
Distribution



Red (78%)

Green (73%)

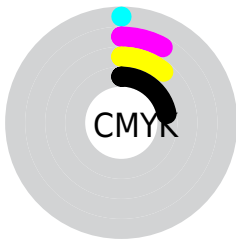
Blue (70%)



Red (78%)

Yellow (74%)

Blue (70%)

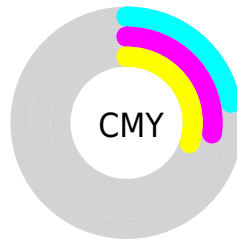


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1916, 0.3311, 0.3377 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 50.1916, 0.3311, 0.3377 by changing the saturation by 10% instead.


 50.1916, 0.3311,
0.3377

 50.1916, 0.3311,
0.3377


387.4147, 0.3220,
0.3335

 35.5657, 0.3334,
0.3387


 90.4587, 0.3278,
0.3362

 24.0989, 0.3362,
0.3400


116.8686, 0.3266,
0.3356

 15.4070, 0.3401,
0.3417


147.9754, 0.3255,
0.3351

 9.1055, 0.3453,
0.3440

184.1633, 0.3246,
0.3347

 4.8101, 0.3532,
0.3473

225.8168, 0.3238,
0.3343

 2.1363, 0.3659,
0.3525

273.3203, 0.3231,

 0.6849, 0.4173,

0.3340

0.3801

327.0581, 0.3225,
0.3337

0.0000, 0.0000,
0.0000

50.1916, 0.3311,
0.3377

50.1916, 0.3311,
0.3377

44.0030, 0.3510,
0.3461

57.0513, 0.3142,
0.3298

38.4583, 0.3745,
0.3548

64.5950, 0.3000,
0.3224

33.5383, 0.4017,
0.3635

72.8436, 0.2880,
0.3157

29.2201, 0.4329,
0.3714

81.6182, 0.2794,
0.3126

25.4796, 0.4672,
0.3776

89.9531, 0.2804,
0.3271

■ 22.2906, 0.5034,
0.3811

■ 91.0227, 0.2805,
0.3289

■ 19.6250, 0.5387,
0.3806

■ 17.4514, 0.5699,
0.3754

■ 15.8801, 0.5929,
0.3674

Harmonies

Analogous

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



50.1916, 0.3287, 0.3298



50.1916, 0.3311, 0.3377



50.1916, 0.3285, 0.3434

Triad

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



50.1916, 0.3311, 0.3377



50.1916, 0.3035, 0.3363



50.1916, 0.3036, 0.3132

Complementary

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



50.1916, 0.3311, 0.3377



51.8024, 0.2959, 0.3201

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.



50.1916, 0.2971, 0.3146



50.1916, 0.3311, 0.3377



50.1916, 0.2970, 0.3279

Square

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



50.1916, 0.3311, 0.3377



50.1916, 0.3125, 0.3427



50.1916, 0.2947, 0.3199



50.1916, 0.3127, 0.3158

Rectangle

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



50.1916, 0.3311, 0.3377



50.1916, 0.3243, 0.3452



50.1916, 0.2947, 0.3199



50.1916, 0.3011, 0.3132

Sweetspot

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



50.1938, 0.3311, 0.3377



96.2279, 0.3175, 0.3313



47.9857, 0.3196, 0.3106



20.3849, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



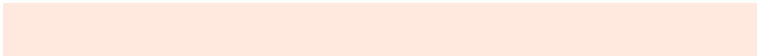
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1938, 0.3311, 0.3377



84.4387, 0.3352, 0.3395



54.9737, 0.3295, 0.3510



11.1763, 0.3282, 0.3364



10.2381, 0.5904, 0.3694



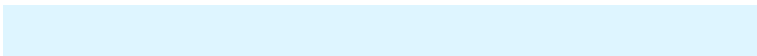
0.6163, 0.5488, 0.4024

Inverse Universe

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



51.8024, 0.2959, 0.3201



87.7261, 0.2925, 0.3183



47.1183, 0.2957, 0.3060



11.4788, 0.2984, 0.3215



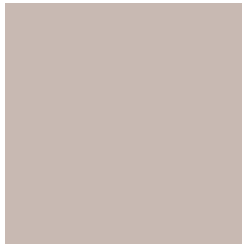
14.1270, 0.1953, 0.2231



0.7949, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 50.1916, 0.3311, 0.3377 looks on a white background.

Color Contrast Check

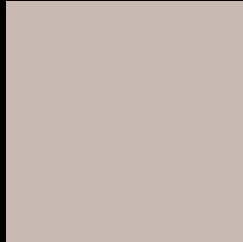
Large Text (above 18pt) WCAG AA × Fail

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 50.1916, 0.3311, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

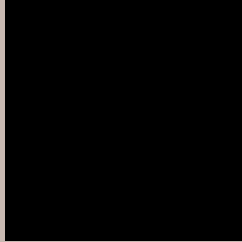
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1916, 0.3311, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 50.1916, 0.3311, 0.3377.



This preview shows how white text looks on a background with the Yxy color 50.1916, 0.3311, 0.3377.

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

50.1916, 0.3311, 0.3377

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

50.2659, 0.3386, 0.3327



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.1916, 0.3311, 0.3377

Protanomaly

50.1082, 0.3267, 0.3378

Deuteranomaly

50.2435, 0.3358, 0.3340

Tritanomaly

50.0977, 0.3241, 0.3217

Monochromacy



Original Color

50.1916, 0.3311, 0.3377

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8067, 0.3192, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1916, 0.3311, 0.3377 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(200, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 178)  
}
```

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(200, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.1916, 0.3311, 0.3377 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(200, 185, 178) }
```

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

```
.border{ border-color:rgb(200, 185, 178) }
```

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

Here you see how a box with a 4 pixel rgb(200, 185, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1916, 0.3311, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 178) }
```

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

```
.background{ background-color: rgb(200,  
185, 178) }
```

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