

Converting Colors

$Yxy(33.3533, 0.3675, 0.3356)$

Have a look what the booklet for
Yxy(33.3533, 0.3675, 0.3356)
contains.

Yxy(33.2206, 0.3676, 0.3360)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.2206, 0.3676, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	BF918C
RGB	191, 145, 140
RGB Percent	75%, 57%, 55%
CMY	0.2510, 0.4314, 0.4510
CMYK	0.00, 0.24, 0.27, 0.25
HSL	6°, 28%, 65%
HSV	6°, 27%, 75%
XYZ	36.3449, 33.2206, 29.3053
YIQ	158.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

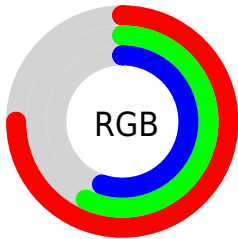
Format	Color
RYB	191, 146, 140
Decimal	12554636
CIELab	64.34, 16.63, 9.39
CIELCh	64, 19.092, 29.447
Yxy	33.2206, 0.3676, 0.3360
Android (android.graphics.Color)	4290744716 (0xFFBF918C)
YUV	158.1840, -8.9647, 28.7796
Hunter-Lab	57.6373, 11.6932, 10.2005

Details

The Yxy color **33.2206, 0.3676, 0.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4517, 0.2735, 0.3219**, and the grayscale version is **34.3122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6983, 0.3560, 0.3344**, and **13.9778, 0.3855, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **27.8356, 0.3970, 0.3388**, and if you desaturate by 10%, it is **39.5046, 0.3435, 0.3333**.

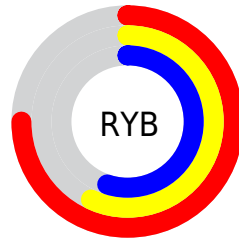
Distribution



Red (75%)

Green (57%)

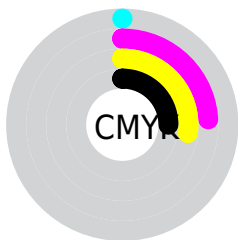
Blue (55%)



Red (75%)

Yellow (57%)

Blue (55%)

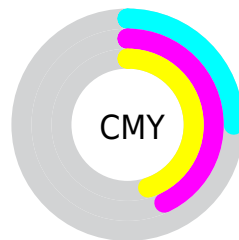


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2206, 0.3676, 0.3360 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 33.2206, 0.3676, 0.3360 by changing the saturation by 10% instead.

 33.2206, 0.3676,
0.3360


 33.2206, 0.3676,
0.3360


316.6426, 0.3384,
0.3329


 22.2955, 0.3755,
0.3366


 64.7198, 0.3565,
0.3350

 14.0742, 0.3861,
0.3373


 86.0627, 0.3525,
0.3345

 8.1723, 0.4009,
0.3380


 111.6469, 0.3492,
0.3342

 4.2054, 0.4230,
0.3384

141.8569, 0.3463,
0.3338

 1.7891, 0.4594,
0.3375

177.0771, 0.3439,
0.3336

 0.4804, 0.6423,
0.3577


217.6918, 0.3418,

 0.0000, 0.0000,


0.3333

0.0000

264.0855, 0.3400,
0.3331


 33.2206, 0.3676,
0.3360

 33.2206, 0.3676,
0.3360


 27.8356, 0.3970,
0.3388


 39.5046, 0.3435,
0.3333


 23.3040, 0.4322,
0.3413


 46.7212, 0.3238,
0.3306

 19.5834, 0.4730,
0.3433

 54.9079, 0.3078,
0.3282

 16.6258, 0.5174,
0.3442

 64.0988, 0.2948,
0.3260

 14.3781, 0.5617,
0.3435

 74.3264, 0.2841,
0.3240

■ 12.7803, 0.5997,
0.3409

■ 85.6218, 0.2753,
0.3222

■ 11.7617, 0.6260,
0.3368

■ 89.8167, 0.2757,
0.3289

■ 11.5343, 0.6325,
0.3360

Harmonies

Analogous

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



33.2206, 0.3479, 0.3116



33.2206, 0.3676, 0.3360



33.2206, 0.3717, 0.3600

Triad

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



33.2206, 0.3676, 0.3360



33.2206, 0.3046, 0.3708



33.2206, 0.2671, 0.2815

Complementary

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



33.2206, 0.3676, 0.3360



44.4517, 0.2735, 0.3219

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.



33.2206, 0.2569, 0.2944



33.2206, 0.3676, 0.3360



33.2206, 0.2778, 0.3465

Square

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



33.2206, 0.3676, 0.3360



33.2206, 0.3344, 0.3821



33.2206, 0.2607, 0.3179



33.2206, 0.2893, 0.2809

Rectangle

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



33.2206, 0.3676, 0.3360



33.2206, 0.3651, 0.3727



33.2206, 0.2607, 0.3179



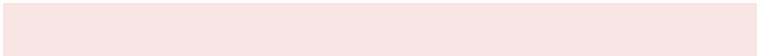
33.2206, 0.2622, 0.2844

Sweetspot

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



33.2221, 0.3676, 0.3360



81.7337, 0.3263, 0.3310



33.4087, 0.3199, 0.2685



17.4993, 0.3292, 0.3314



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.2221, 0.3676, 0.3360



53.7118, 0.3840, 0.3376



41.6256, 0.3592, 0.3688



9.6831, 0.3286, 0.3313



7.6360, 0.6312, 0.3371



0.3504, 0.6021, 0.3601

Inverse Universe

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



44.4517, 0.2735, 0.3219



77.1549, 0.2658, 0.3201



34.9133, 0.2701, 0.2857



10.6450, 0.2985, 0.3267



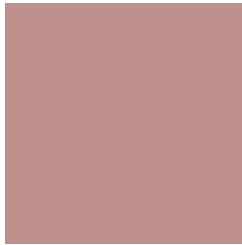
21.9892, 0.2162, 0.2983



0.9083, 0.2184, 0.3062

Previews

White Background



This preview shows how the Yxy color 33.2206, 0.3676, 0.3360 looks on a white background.

Color Contrast Check

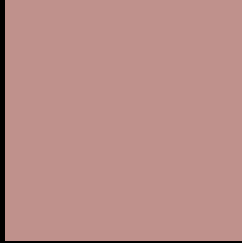
Large Text (above 18pt) WCAG AA × Fail

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 33.2206, 0.3676, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

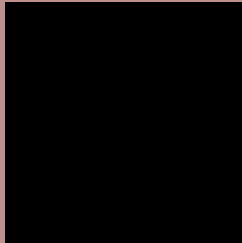
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2206, 0.3676, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 33.2206, 0.3676, 0.3360.



This preview shows how white text looks on a background with the Yxy color 33.2206, 0.3676, 0.3360.

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

33.2206, 0.3676, 0.3360

Protanopia

33.5336, 0.3280, 0.3440

Deuteranopia

33.4623, 0.3527, 0.3463



Tritanopia

33.3155, 0.3552, 0.3144

Trichromacy



Original Color

33.2206, 0.3676, 0.3360

Protanomaly

33.3543, 0.3421, 0.3407

Deuteranomaly

33.4263, 0.3587, 0.3432

Tritanomaly

33.3229, 0.3593, 0.3224

Monochromacy



Original Color

33.2206, 0.3676, 0.3360

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.5629, 0.3319, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2206, 0.3676, 0.3360 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(191, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 140)  
}
```

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(191, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 33.2206, 0.3676, 0.3360 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(191, 145, 140) }
```

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

```
.border{ border-color:rgb(191, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2206, 0.3676, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 140) }
```

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

```
.background{ background-color: rgb(191,  
145, 140) }
```

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