

Converting Colors

$Yxy(34.0472, 0.3684, 0.3346)$

Have a look what the booklet for
Yxy(34.0472, 0.3684, 0.3346)
contains.

Yxy(33.9801, 0.3683, 0.3346)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.9801, 0.3683, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	C2928E
RGB	194, 146, 142
RGB Percent	76%, 57%, 56%
CMY	0.2393, 0.4274, 0.4432
CMYK	0.00, 0.25, 0.27, 0.24
HSL	5°, 30%, 66%
HSV	5°, 27%, 76%
XYZ	37.4025, 33.9801, 30.1718
YIQ	159.8960, 29.8920, 8.9320

Conversions

Conversions Part 2

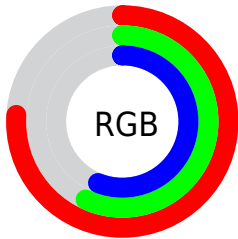
Format	Color
R_{YB}	194, 146, 142
Decimal	12751502
CIE _{Lab}	64.95, 17.49, 9.17
CIE _{LCh}	65, 19.753, 27.673
Yxy	33.9801, 0.3683, 0.3346
Android (android.graphics.Color)	4290941582 (0xFFC2928E)
YUV	159.8960, -8.8227, 29.9092
Hunter-Lab	58.2925, 12.5201, 10.1166

Details

The Yxy color **33.9801, 0.3683, 0.3346** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4407, 0.2735, 0.3233**, and the grayscale version is **35.1342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8033, 0.3566, 0.3333**, and **14.4461, 0.3863, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **28.3570, 0.3982, 0.3368**, and if you desaturate by 10%, it is **40.5709, 0.3438, 0.3324**.

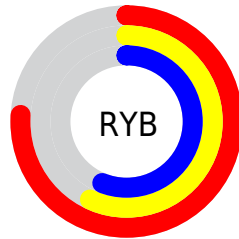
Distribution



Red (76%)

Green (57%)

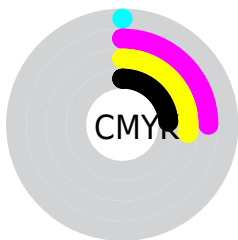
Blue (56%)



Red (76%)

Yellow (57%)

Blue (56%)

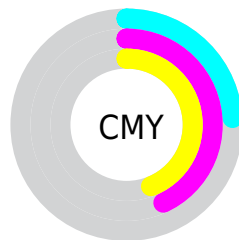


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9801, 0.3683, 0.3346 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 33.9801, 0.3683, 0.3346 by changing the saturation by 10% instead.


 33.9801, 0.3683,
0.3346


 33.9801, 0.3683,
0.3346


320.0433, 0.3388,
0.3322

 22.8783, 0.3763,
0.3350


 65.9027, 0.3571,
0.3339

 14.5037, 0.3869,
0.3354


 87.4923, 0.3531,
0.3335

 8.4718, 0.4016,
0.3358


113.3467, 0.3497,
0.3332

 4.3983, 0.4236,
0.3357

143.8502, 0.3469,
0.3330

 1.8988, 0.4595,
0.3340

179.3872, 0.3444,
0.3328

 0.5476, 0.6348,
0.3652


220.3421, 0.3423,


 0.0000, 0.0000,


0.3326

0.0000


267.0994, 0.3404,
0.3324


 33.9801, 0.3683,
0.3346


 33.9801, 0.3683,
0.3346


 28.3570, 0.3982,
0.3368

 40.5709, 0.3438,
0.3324

 23.6517, 0.4341,
0.3388


 48.1670, 0.3240,
0.3303


 19.8167, 0.4756,
0.3404

 56.8098, 0.3079,
0.3284

 16.7987, 0.5209,
0.3411

 66.5368, 0.2949,
0.3267

 14.5382, 0.5656,
0.3404

 77.3839, 0.2842,
0.3251

■ 12.9678, 0.6034,
0.3382

■ 89.1664, 0.2771,
0.3272

■ 12.0073, 0.6286,
0.3349

■ 90.2052, 0.2773,
0.3289

■ 11.8086, 0.6346,
0.3343

Harmonies

Analogous

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



33.9801, 0.3472, 0.3097



33.9801, 0.3683, 0.3346



33.9801, 0.3736, 0.3594

Triad

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



33.9801, 0.3683, 0.3346



33.9801, 0.3061, 0.3731



33.9801, 0.2649, 0.2807

Complementary

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



33.9801, 0.3683, 0.3346



46.4407, 0.2735, 0.3233

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.



33.9801, 0.2553, 0.2946



33.9801, 0.3683, 0.3346



33.9801, 0.2783, 0.3486

Square

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



33.9801, 0.3683, 0.3346



33.9801, 0.3367, 0.3837



33.9801, 0.2600, 0.3192



33.9801, 0.2871, 0.2794

Rectangle

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



33.9801, 0.3683, 0.3346



33.9801, 0.3674, 0.3728



33.9801, 0.2600, 0.3192



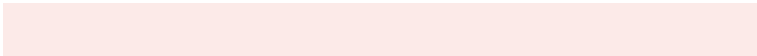
33.9801, 0.2602, 0.2839

Sweetspot

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



33.9817, 0.3683, 0.3346



85.3646, 0.3264, 0.3306



34.5461, 0.3191, 0.2672



18.2135, 0.3293, 0.3309



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.



33.9817, 0.3683, 0.3346



55.5616, 0.3846, 0.3359



42.7108, 0.3597, 0.3679



10.2007, 0.3287, 0.3308



7.8153, 0.6334, 0.3353



0.3817, 0.6108, 0.3532

Inverse Universe

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



46.4407, 0.2735, 0.3233



81.8093, 0.2660, 0.3220



36.3770, 0.2700, 0.2867



11.2903, 0.2984, 0.3272



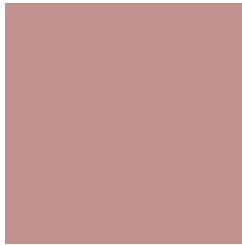
23.7960, 0.2180, 0.3048



1.0686, 0.2196, 0.3106

Previews

White Background



This preview shows how the Yxy color 33.9801, 0.3683, 0.3346 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 33.9801, 0.3683, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

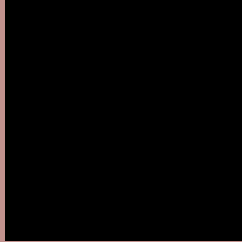
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9801, 0.3683, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 33.9801, 0.3683, 0.3346.



This preview shows how white text looks on a background with the Yxy color 33.9801, 0.3683, 0.3346.

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

33.9801, 0.3683, 0.3346

Protanopia

34.0386, 0.3270, 0.3424

Deuteranopia

33.9633, 0.3515, 0.3447



Tritanopia

33.9152, 0.3560, 0.3145

Trichromacy



Original Color

33.9801, 0.3683, 0.3346

Protanomaly

33.8565, 0.3409, 0.3392

Deuteranomaly

33.9261, 0.3574, 0.3417

Tritanomaly

34.0549, 0.3611, 0.3225

Monochromacy



Original Color

33.9801, 0.3683, 0.3346

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5133, 0.3316, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9801, 0.3683, 0.3346 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(194, 146, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 142)  
}
```

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(194, 146, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 142) }
```

Border

The CSS property to change the border of an element to Yxy 33.9801, 0.3683, 0.3346 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(194, 146, 142) }
```

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

```
.border{ border-color:rgb(194, 146, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 142);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9801, 0.3683, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 142) }
```

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

```
.background{ background-color: rgb(194,  
146, 142) }
```

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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