

Converting Colors

$Yxy(33.9373, 0.3700, 0.3280)$

Have a look what the booklet for
Yxy(33.9373, 0.3700, 0.3280)
contains.

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Color

Yxy(33.9966, 0.3700, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C69091
RGB	198, 144, 145
RGB Percent	78%, 56%, 57%
CMY	0.2236, 0.4353, 0.4312
CMYK	0.00, 0.27, 0.27, 0.22
HSL	359°, 32%, 67%
HSV	359°, 27%, 78%
XYZ	38.3732, 33.9966, 31.3416
YIQ	160.2600, 31.8630, 11.7590

Conversions

Conversions Part 2

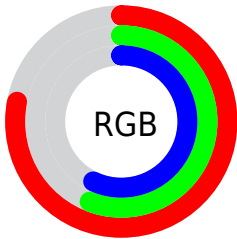
Format	Color
R _Y B	198, 144, 145
Decimal	13013137
CIE Lab	64.96, 20.58, 7.53
CIE LCh	65, 21.915, 20.103
Yxy	33.9966, 0.3700, 0.3278
Android (android.graphics.Color)	4291203217 (0xFFC69091)
YUV	160.2600, -7.5232, 33.0980
Hunter-Lab	58.3066, 15.4393, 8.9444

Details

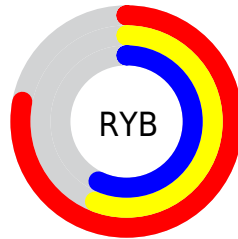
The Yxy color **33.9966, 0.3700, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3435, 0.2740, 0.3303**, and the grayscale version is **35.3059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7717, 0.3579, 0.3281**, and **14.4946, 0.3888, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **27.9681, 0.4010, 0.3274**, and if you desaturate by 10%, it is **41.1825, 0.3449, 0.3283**.

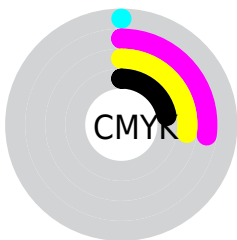
Distribution



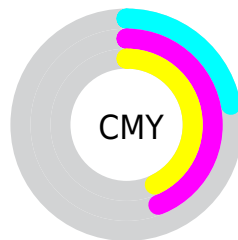
- Red (78%)
- Green (56%)
- Blue (57%)



- Red (78%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (22%)



- Cyan (22%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9966, 0.3700, 0.3278 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 33.9966, 0.3700, 0.3278 by changing the saturation by 10% instead.


 33.9966, 0.3700,
0.3278


 33.9966, 0.3700,
0.3278


320.1169, 0.3396,
0.3290

 22.8910, 0.3782,
0.3273


 65.9284, 0.3585,
0.3284

 14.5130, 0.3891,
0.3265


 87.5233, 0.3543,
0.3285

 8.4783, 0.4043,
0.3251


113.3835, 0.3509,
0.3287

 4.4025, 0.4269,
0.3226

143.8934, 0.3479,
0.3288

 1.9012, 0.4638,
0.3173

179.4372, 0.3454,
0.3288

 0.5491, 0.6259,
0.3312

220.3995, 0.3432,

 0.0000, 0.0000,

0.3289

0.0000

267.1646, 0.3413,
0.3289

■ 33.9966, 0.3700,
0.3278

■ 33.9966, 0.3700,
0.3278

■ 27.9681, 0.4010,
0.3274

■ 41.1825, 0.3449,
0.3283

■ 23.0320, 0.4386,
0.3270

■ 49.5767, 0.3248,
0.3287

■ 19.1244, 0.4822,
0.3268

■ 59.2331, 0.3087,
0.3291

■ 16.1728, 0.5294,
0.3269

■ 70.2006, 0.2957,
0.3295

■ 14.0949, 0.5750,
0.3274

■ 82.5258, 0.2853,
0.3298

■ 12.7952, 0.6118,
0.3281

■ 90.7446, 0.2794,
0.3289

■ 12.1420, 0.6339,
0.3290

■ 12.0129, 0.6382,
0.3290

Harmonies

Analogous

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



33.9966, 0.3430, 0.3014



33.9966, 0.3700, 0.3278



33.9966, 0.3807, 0.3558

Triad

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



33.9966, 0.3700, 0.3278



33.9966, 0.3138, 0.3829



33.9966, 0.2558, 0.2781

Complementary

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



33.9966, 0.3700, 0.3278



50.3435, 0.2740, 0.3303

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.



33.9966, 0.2492, 0.2966



33.9966, 0.3700, 0.3278



33.9966, 0.2815, 0.3587

Square

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



33.9966, 0.3700, 0.3278



33.9966, 0.3471, 0.3899



33.9966, 0.2583, 0.3261



33.9966, 0.2770, 0.2734

Rectangle

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



33.9966, 0.3700, 0.3278



33.9966, 0.3769, 0.3722



33.9966, 0.2583, 0.3261



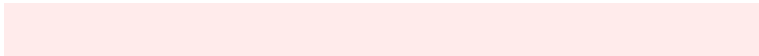
33.9966, 0.2519, 0.2828

Sweetspot

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



33.9982, 0.3700, 0.3278



86.4454, 0.3263, 0.3287



35.7865, 0.3141, 0.2615



17.9927, 0.3292, 0.3286



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.



33.9982, 0.3700, 0.3278



53.3253, 0.3886, 0.3275



42.4684, 0.3625, 0.3619



10.6402, 0.3287, 0.3286



7.8145, 0.6377, 0.3287



0.3712, 0.6294, 0.3241

Inverse Universe

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



33.9982, 0.3700, 0.3278



53.3253, 0.3886, 0.3275



39.8163, 0.2699, 0.2936



10.6402, 0.3287, 0.3286



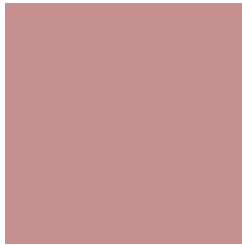
7.8145, 0.6377, 0.3287



0.3712, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 33.9966, 0.3700, 0.3278 looks on a white background.

Color Contrast Check

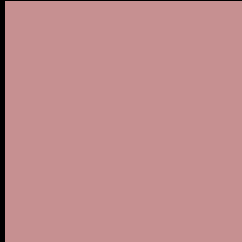
Large Text (above 18pt) WCAG AA × Fail

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 33.9966, 0.3700, 0.3278 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 33.9966, 0.3700, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 33.9966, 0.3700, 0.3278.



This preview shows how white text looks on a background with the Yxy color 33.9966, 0.3700, 0.3278.

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

33.9966, 0.3700, 0.3278

Protanopia

34.0623, 0.3222, 0.3364

Deuteranopia

34.0233, 0.3494, 0.3419



Tritanopia

34.1201, 0.3616, 0.3147

Trichromacy



Original Color

33.9966, 0.3700, 0.3278

Protanomaly

33.7404, 0.3392, 0.3334

Deuteranomaly

33.9476, 0.3567, 0.3361

Tritanomaly

34.0214, 0.3649, 0.3186

Monochromacy



Original Color

33.9966, 0.3700, 0.3278

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4764, 0.3319, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9966, 0.3700, 0.3278 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(198, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 145)  
}
```

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(198, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.9966, 0.3700, 0.3278 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(198, 144, 145) }
```

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

```
.border{ border-color:rgb(198, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9966, 0.3700, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 145) }
```

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

```
.background{ background-color: rgb(198,  
144, 145) }
```

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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