

Converting Colors

$Yxy(33.5150, 0.3771, 0.3267)$

Have a look what the booklet for
Yxy(33.5150, 0.3771, 0.3267)
contains.

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Color

Yxy(33.4504, 0.3765, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C98D8F
RGB	201, 141, 143
RGB Percent	79%, 55%, 56%
CMY	0.2119, 0.4470, 0.4392
CMYK	0.00, 0.30, 0.29, 0.21
HSL	358°, 36%, 67%
HSV	358°, 30%, 79%
XYZ	38.5612, 33.4504, 30.4085
YIQ	159.1680, 35.1180, 13.3420

Conversions

Conversions Part 2

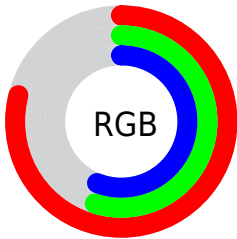
Format	Color
RYB	201, 141, 143
Decimal	13208975
CIELab	64.52, 23.06, 8.10
CIELCh	65, 24.443, 19.364
Yxy	33.4504, 0.3765, 0.3266
Android (android.graphics.Color)	4291399055 (0xFFC98D8F)
YUV	159.1680, -7.9708, 36.6867
Hunter-Lab	57.8363, 17.7976, 9.3126

Details

The Yxy color **33.4504, 0.3765, 0.3266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5411, 0.2713, 0.3315**, and the grayscale version is **34.7772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3214, 0.3602, 0.3271**, and **14.2136, 0.3985, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **27.5135, 0.4087, 0.3258**, and if you desaturate by 10%, it is **40.5678, 0.3503, 0.3274**.

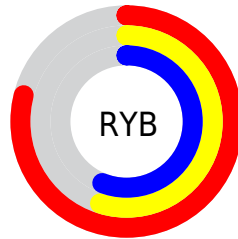
Distribution



Red (79%)

Green (55%)

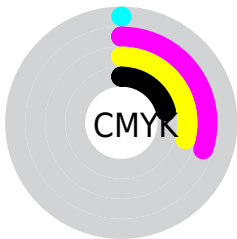
Blue (56%)



Red (79%)

Yellow (55%)

Blue (56%)

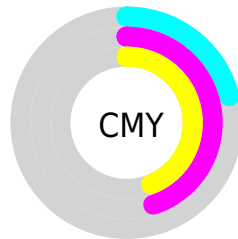


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4504, 0.3765, 0.3266 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 33.4504, 0.3765, 0.3266 by changing the saturation by 10% instead.


 33.4504, 0.3765,
0.3266


 33.4504, 0.3765,
0.3266


317.6744, 0.3426,
0.3285


 22.4717, 0.3857,
0.3258


 65.0781, 0.3637,
0.3275

 14.2039, 0.3979,
0.3247


 86.4959, 0.3590,
0.3278

 8.2626, 0.4150,
0.3228


 112.1621, 0.3551,
0.3280

 4.2635, 0.4404,
0.3194

142.4612, 0.3518,
0.3281

 1.8220, 0.4818,
0.3123

177.7776, 0.3490,
0.3283

 0.5008, 0.6780,
0.3220


218.4957, 0.3466,

 0.0000, 0.0000,


0.3284

0.0000


264.9998, 0.3444,
0.3284


 33.4504, 0.3765,
0.3266


 33.4504, 0.3765,
0.3266


 27.5135, 0.4087,
0.3258

 40.5678, 0.3503,
0.3274


 22.6888, 0.4474,
0.3252


 48.9196, 0.3293,
0.3282

 18.9086, 0.4918,
0.3249

 58.5622, 0.3124,
0.3290

 16.0957, 0.5389,
0.3250

 69.5470, 0.2989,
0.3297

 14.1621, 0.5830,
0.3258

 81.9227, 0.2881,
0.3304

■ 13.0042, 0.6170,
0.3272

■ 91.1515, 0.2810,
0.3289

■ 12.4345, 0.6367,
0.3283

■ 12.4260, 0.6370,
0.3283

Harmonies

Analogous

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



33.4504, 0.3457, 0.2976



33.4504, 0.3765, 0.3266



33.4504, 0.3890, 0.3577

Triad

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



33.4504, 0.3765, 0.3266



33.4504, 0.3147, 0.3904



33.4504, 0.2489, 0.2724

Complementary

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



33.4504, 0.3765, 0.3266



51.5411, 0.2713, 0.3315

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.



33.4504, 0.2420, 0.2931



33.4504, 0.3765, 0.3266



33.4504, 0.2785, 0.3633

Square

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



33.4504, 0.3765, 0.3266



33.4504, 0.3518, 0.3973



33.4504, 0.2524, 0.3264



33.4504, 0.2720, 0.2670

Rectangle

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



33.4504, 0.3765, 0.3266



33.4504, 0.3850, 0.3763



33.4504, 0.2524, 0.3264



33.4504, 0.2447, 0.2776

Sweetspot

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



33.4520, 0.3765, 0.3266



84.8734, 0.3280, 0.3283



35.4090, 0.3142, 0.2551



17.6805, 0.3308, 0.3282



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.



33.4520, 0.3765, 0.3266



50.2866, 0.3973, 0.3261



42.7090, 0.3683, 0.3651



10.6425, 0.3284, 0.3283



7.8194, 0.6361, 0.3278



0.3723, 0.6220, 0.3200

Inverse Universe

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



33.4520, 0.3765, 0.3266



50.2866, 0.3973, 0.3261



39.7630, 0.2658, 0.2898



10.6425, 0.3284, 0.3283



7.8194, 0.6361, 0.3278



0.3723, 0.6220, 0.3200

Previews

White Background



This preview shows how the Yxy color 33.4504, 0.3765, 0.3266 looks on a white background.

Color Contrast Check

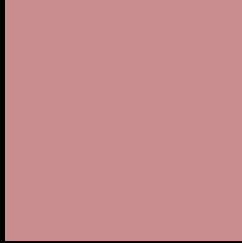
Large Text (above 18pt) WCAG AA × Fail

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 33.4504, 0.3765, 0.3266 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 33.4504, 0.3765, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 33.4504, 0.3765, 0.3266.



This preview shows how white text looks on a background with the Yxy color 33.4504, 0.3765, 0.3266.

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

33.4504, 0.3765, 0.3266

Protanopia

33.5884, 0.3223, 0.3365

Deuteranopia

33.5213, 0.3507, 0.3434



Tritanopia

33.5471, 0.3690, 0.3149

Trichromacy



Original Color

33.4504, 0.3765, 0.3266

Protanomaly

33.5014, 0.3415, 0.3334

Deuteranomaly

33.2595, 0.3594, 0.3361

Tritanomaly

33.4508, 0.3724, 0.3187

Monochromacy



Original Color

33.4504, 0.3765, 0.3266

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7551, 0.3342, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4504, 0.3765, 0.3266 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(201, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(201, 141, 143)  
}
```

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(201, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 141, 143) }
```

Border

The CSS property to change the border of an element to Yxy 33.4504, 0.3765, 0.3266 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(201, 141, 143) }
```

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

```
.border{ border-color:rgb(201, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 141, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 141, 143); box-shadow:4px 4px 4px 4px rgb(201, 141, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4504, 0.3765, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 141, 143) }
```

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

```
.background{ background-color: rgb(201,  
141, 143) }
```

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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