

Converting Colors

$Y_{xy}(33.5173, 0.3755, 0.3372)$

Have a look what the booklet for
Yxy(33.5173, 0.3755, 0.3372)
contains.

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Color

Yxy(33.5173, 0.3755, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	C4908A
RGB	196, 144, 138
RGB Percent	77%, 56%, 54%
CMY	0.2314, 0.4353, 0.4587
CMYK	0.00, 0.27, 0.30, 0.23
HSL	6°, 33%, 65%
HSV	6°, 30%, 77%
XYZ	37.3243, 33.5173, 28.5573
YIQ	158.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

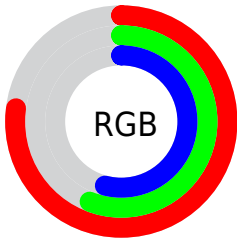
Format	Color
R _Y B	196, 145, 138
Decimal	12882058
CIE Lab	64.58, 18.83, 10.91
CIE LCh	65, 21.759, 30.079
Yxy	33.5173, 0.3755, 0.3372
Android (android.graphics.Color)	4291072138 (0xFFC4908A)
YUV	158.8640, -10.2860, 32.5683
Hunter-Lab	57.8941, 13.7640, 11.2801

Details

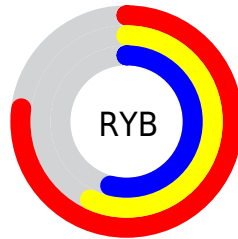
The Yxy color **33.5173, 0.3755, 0.3372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2190, 0.2696, 0.3206**, and the grayscale version is **34.6435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2206, 0.3635, 0.3364**, and **14.1960, 0.3971, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **28.0848, 0.4065, 0.3401**, and if you desaturate by 10%, it is **39.8843, 0.3499, 0.3343**.

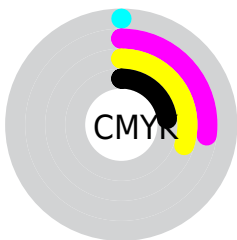
Distribution



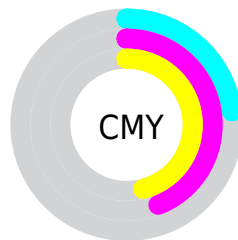
- Red (77%)
- Green (56%)
- Blue (54%)



- Red (77%)
- Yellow (57%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5173, 0.3755, 0.3372 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 33.5173, 0.3755, 0.3372 by changing the saturation by 10% instead.


 33.5173, 0.3755,
0.3372


 33.5173, 0.3755,
0.3372


317.9743, 0.3421,
0.3336


 22.5230, 0.3845,
0.3379


 65.1823, 0.3628,
0.3360

 14.2417, 0.3966,
0.3386


 86.6219, 0.3583,
0.3356

 8.2890, 0.4134,
0.3392


 112.3119, 0.3544,
0.3351

 4.2804, 0.4384,
0.3394

142.6370, 0.3512,
0.3348

 1.8316, 0.4790,
0.3376

177.9813, 0.3484,
0.3344

 0.5068, 0.6510,
0.3490


218.7294, 0.3460,


 0.0000, 0.0000,


0.3341

0.0000


265.2656, 0.3439,
0.3339


 33.5173, 0.3755,
0.3372


 33.5173, 0.3755,
0.3372


 28.0848, 0.4065,
0.3401


 39.8843, 0.3499,
0.3343


 23.5383, 0.4434,
0.3426

 47.2219, 0.3290,
0.3315

 19.8321, 0.4854,
0.3445

 55.5700, 0.3121,
0.3289

 16.9145, 0.5302,
0.3450

 64.9651, 0.2982,
0.3265

 14.7281, 0.5733,
0.3437

 75.4417, 0.2869,
0.3244

■ 13.2077, 0.6083,
0.3404

■ 86.9927, 0.2779,
0.3231

■ 12.2711, 0.6313,
0.3364

■ 90.4737, 0.2784,
0.3289

■ 12.2421, 0.6322,
0.3363

Harmonies

Analogous

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



33.5173, 0.3533, 0.3097



33.5173, 0.3755, 0.3372



33.5173, 0.3797, 0.3643

Triad

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



33.5173, 0.3755, 0.3372



33.5173, 0.3026, 0.3764



33.5173, 0.2615, 0.2751

Complementary

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



33.5173, 0.3755, 0.3372



46.2190, 0.2696, 0.3206

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.



33.5173, 0.2498, 0.2891



33.5173, 0.3755, 0.3372



33.5173, 0.2725, 0.3481

Square

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



33.5173, 0.3755, 0.3372



33.5173, 0.3365, 0.3895



33.5173, 0.2537, 0.3155



33.5173, 0.2867, 0.2749

Rectangle

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



33.5173, 0.3755, 0.3372



33.5173, 0.3718, 0.3788



33.5173, 0.2537, 0.3155



33.5173, 0.2559, 0.2782

Sweetspot

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



33.5189, 0.3755, 0.3372



86.1732, 0.3282, 0.3314



33.6447, 0.3217, 0.2629



17.9973, 0.3310, 0.3318



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.



33.5189, 0.3755, 0.3372



54.6487, 0.3934, 0.3389



43.3808, 0.3648, 0.3745



10.2414, 0.3286, 0.3314



7.9287, 0.6307, 0.3374



0.4001, 0.6022, 0.3600

Inverse Universe

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



46.2190, 0.2696, 0.3206



81.0834, 0.2618, 0.3187



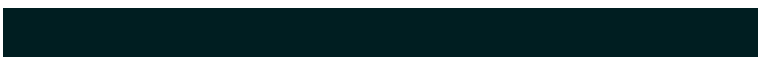
34.9540, 0.2650, 0.2788



11.2451, 0.2984, 0.3266



22.5288, 0.2157, 0.2966



1.0255, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 33.5173, 0.3755, 0.3372 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 33.5173, 0.3755, 0.3372 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 33.5173, 0.3755, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 33.5173, 0.3755, 0.3372.



This preview shows how white text looks on a background with the Yxy color 33.5173, 0.3755, 0.3372.

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

33.5173, 0.3755, 0.3372

Protanopia

33.5771, 0.3309, 0.3469

Deuteranopia

33.5231, 0.3558, 0.3491



Tritanopia

33.6517, 0.3619, 0.3146

Trichromacy



Original Color

33.5173, 0.3755, 0.3372

Protanomaly

33.5234, 0.3462, 0.3435

Deuteranomaly

33.3002, 0.3633, 0.3445

Tritanomaly

33.6534, 0.3660, 0.3225

Monochromacy



Original Color

33.5173, 0.3755, 0.3372

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1162, 0.3338, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5173, 0.3755, 0.3372 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(196, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 138)  
}
```

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(196, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 138) }
```

Border

The CSS property to change the border of an element to Yxy 33.5173, 0.3755, 0.3372 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(196, 144, 138) }
```

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

```
.border{ border-color:rgb(196, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5173, 0.3755, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 138) }
```

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

```
.background{ background-color: rgb(196,  
144, 138) }
```

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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