

Converting Colors

$Y_{xy}(33.6392, 0.3855, 0.3191)$

Have a look what the booklet for
Yxy(33.6392, 0.3855, 0.3191)
contains.

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Color

Yxy(33.6373, 0.3855, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	D28991
RGB	210, 137, 145
RGB Percent	82%, 54%, 57%
CMY	0.1764, 0.4627, 0.4314
CMYK	0.00, 0.35, 0.31, 0.18
HSL	353°, 45%, 68%
HSV	353°, 35%, 82%
XYZ	40.6367, 33.6373, 31.1390
YIQ	159.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

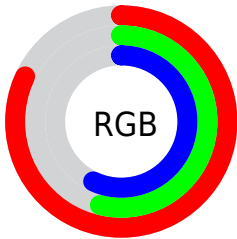
Format	Color
R _Y B	210, 137, 145
Decimal	13797777
CIE Lab	64.67, 28.94, 7.32
CIE LCh	65, 29.853, 14.202
Yxy	33.6373, 0.3855, 0.3191
Android (android.graphics.Color)	4291987857 (0xFFD28991)
YUV	159.7390, -7.2663, 44.0789
Hunter-Lab	57.9977, 23.5721, 8.7655

Details

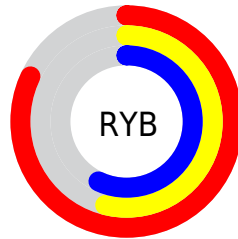
The Yxy color **33.6373, 0.3855, 0.3191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6808, 0.2684, 0.3395**, and the grayscale version is **35.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6451, 0.3594, 0.3208**, and **14.3518, 0.4098, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **27.7079, 0.4180, 0.3164**, and if you desaturate by 10%, it is **40.8268, 0.3588, 0.3220**.

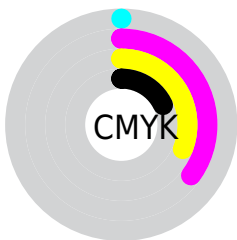
Distribution



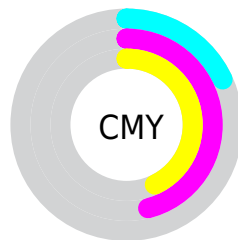
- Red (82%)
- Green (54%)
- Blue (57%)



- Red (82%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (18%)




- Cyan (18%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6373, 0.3855, 0.3191 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 33.6373, 0.3855, 0.3191 by changing the saturation by 10% instead.

 33.6373, 0.3855,
0.3191


 33.6373, 0.3855,
0.3191


318.5117, 0.3468,
0.3250


 22.6151, 0.3959,
0.3173


 65.3692, 0.3709,
0.3215

 14.3096, 0.4098,
0.3147


 86.8478, 0.3656,
0.3223

 8.3363, 0.4290,
0.3108


 112.5805, 0.3612,
0.3230

 4.3109, 0.4575,
0.3044

142.9520, 0.3574,
0.3236

 1.8489, 0.5037,
0.2926

178.3464, 0.3542,
0.3240

 0.5174, 0.6875,
0.2843

219.1482, 0.3514,

 0.0000, 1.0000,

0.3244

0.0000

265.7419, 0.3490,
0.3247

0.0000, 0.0000,
0.0000

33.6373, 0.3855,
0.3191

33.6373, 0.3855,
0.3191

27.7079, 0.4180,
0.3164

40.8268, 0.3588,
0.3220

22.9615, 0.4565,
0.3142

49.3382, 0.3371,
0.3250

19.3199, 0.4998,
0.3132

59.2350, 0.3198,
0.3277

16.6937, 0.5446,
0.3139

70.5750, 0.3058,
0.3303

14.9793, 0.5857,
0.3166

83.4129, 0.2945,
0.3327

■ 14.0509, 0.6167,
0.3213

■ 92.4430, 0.2860,
0.3289

■ 13.7649, 0.6282,
0.3234

Harmonies

Analogous

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



33.6373, 0.3449, 0.2860



33.6373, 0.3855, 0.3191



33.6373, 0.4051, 0.3563

Triad

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



33.6373, 0.3855, 0.3191



33.6373, 0.3225, 0.4083



33.6373, 0.2331, 0.2633

Complementary

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



33.6373, 0.3855, 0.3191



55.6808, 0.2684, 0.3395

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.



33.6373, 0.2284, 0.2907



33.6373, 0.3855, 0.3191



33.6373, 0.2777, 0.3784

Square

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



33.6373, 0.3855, 0.3191



33.6373, 0.3666, 0.4111



33.6373, 0.2439, 0.3331



33.6373, 0.2574, 0.2544

Rectangle

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



33.6373, 0.3855, 0.3191



33.6373, 0.4030, 0.3798



33.6373, 0.2439, 0.3331



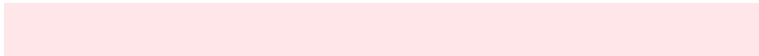
33.6373, 0.2293, 0.2704

Sweetspot

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



33.6389, 0.3855, 0.3191



83.4187, 0.3286, 0.3263



35.0309, 0.3085, 0.2412



17.3951, 0.3311, 0.3259



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.



33.6389, 0.3855, 0.3191



44.9338, 0.4100, 0.3170



42.4148, 0.3825, 0.3642



11.8290, 0.3274, 0.3265



8.4029, 0.6259, 0.3222



0.4771, 0.5894, 0.3021

Inverse Universe

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



33.6389, 0.3855, 0.3191



44.9338, 0.4100, 0.3170



43.4372, 0.2588, 0.2907



11.8290, 0.3274, 0.3265



8.4029, 0.6259, 0.3222



0.4771, 0.5894, 0.3021

Previews

White Background



This preview shows how the Yxy color 33.6373, 0.3855, 0.3191 looks on a white background.

Color Contrast Check

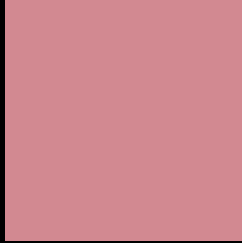
Large Text (above 18pt) WCAG AA × Fail

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 33.6373, 0.3855, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

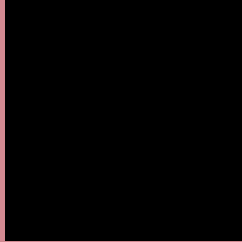
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6373, 0.3855, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 33.6373, 0.3855, 0.3191.



This preview shows how white text looks on a background with the Yxy color 33.6373, 0.3855, 0.3191.

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

33.6373, 0.3855, 0.3191

Protanopia

33.9878, 0.3166, 0.3305

Deuteranopia

33.8744, 0.3494, 0.3434



Tritanopia

33.6995, 0.3832, 0.3166

Trichromacy



Original Color

33.6373, 0.3855, 0.3191

Protanomaly

33.5447, 0.3398, 0.3263

Deuteranomaly

33.7978, 0.3626, 0.3346

Tritanomaly

33.6683, 0.3843, 0.3178

Monochromacy



Original Color

33.6373, 0.3855, 0.3191

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2880, 0.3364, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6373, 0.3855, 0.3191 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(210, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 137, 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(210, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 137, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.6373, 0.3855, 0.3191 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(210, 137, 145) }
```

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

```
.border{ border-color:rgb(210, 137, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 137, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 137, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 137, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 137,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6373, 0.3855, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 137, 145) }
```

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

```
.background{ background-color: rgb(210,  
137, 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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