

Converting Colors

$Yxy(33.6813, 0.4288, 0.3488)$

Have a look what the booklet for
Yxy(33.6813, 0.4288, 0.3488)
contains.

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Color

Yxy(33.5738, 0.4289, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	DC8676
RGB	220, 134, 118
RGB Percent	86%, 53%, 46%
CMY	0.1371, 0.4746, 0.5372
CMYK	0.00, 0.39, 0.46, 0.14
HSL	9°, 59%, 66%
HSV	9°, 46%, 86%
XYZ	41.3194, 33.5738, 21.4448
YIQ	157.8900, 56.3920, 13.2560

Conversions

Conversions Part 2

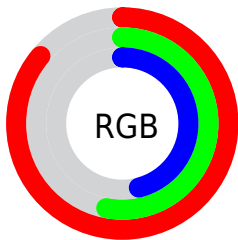
Format	Color
R _Y B	220, 137, 118
Decimal	14452342
CIE Lab	64.62, 31.26, 22.64
CIE LCh	65, 38.596, 35.918
Yxy	33.5738, 0.4289, 0.3485
Android (android.graphics.Color)	4292642422 (0xFFDC8676)
YUV	157.8900, -19.6658, 54.4705
Hunter-Lab	57.9429, 25.8892, 18.6166

Details

The Yxy color **33.5738, 0.4289, 0.3485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.2381, 0.2473, 0.3076**, and the grayscale version is **34.2119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1287, 0.3848, 0.3481**, and **14.3101, 0.4663, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **28.4248, 0.4680, 0.3518**, and if you desaturate by 10%, it is **39.7484, 0.3949, 0.3444**.

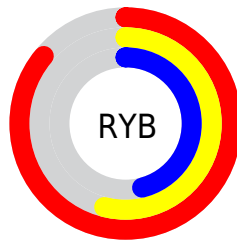
Distribution



Red (86%)

Green (53%)

Blue (46%)



Red (86%)

Yellow (54%)

Blue (46%)

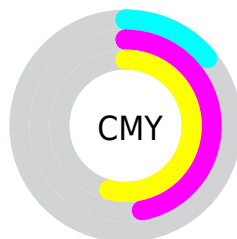


Cyan (0%)

Magenta (39%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (47%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5738, 0.4289, 0.3485 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 33.5738, 0.4289, 0.3485 by changing the saturation by 10% instead.


 33.5738, 0.4289,
0.3485

 33.5738, 0.4289,
0.3485


318.2274, 0.3671,
0.3409


 22.5664, 0.4453,
0.3494


 65.2703, 0.4057,
0.3464

 14.2737, 0.4668,
0.3500


 86.7282, 0.3972,
0.3454

 8.3112, 0.4961,
0.3493


 112.4384, 0.3901,
0.3445

 4.2947, 0.5377,
0.3456

142.7853, 0.3841,
0.3436

 1.8398, 0.6210,
0.3453

178.1532, 0.3789,
0.3429

 0.5118, 0.7204,
0.2796

218.9266, 0.3745,


 0.0000, 1.0000,

0.3422


0.0000

265.4899, 0.3706,
0.3415


 0.0000, 0.0000,
0.0000


 33.5738, 0.4289,
0.3485


 33.5738, 0.4289,
0.3485


 28.4248, 0.4680,
0.3518


 39.7484, 0.3949,
0.3444

 24.2406, 0.5107,
0.3535


 46.9950, 0.3663,
0.3400

 20.9620, 0.5536,
0.3528


 55.3631, 0.3427,
0.3356


 18.5207, 0.5914,
0.3492


 64.8977, 0.3232,
0.3315

 16.8381, 0.6187,
0.3430

 75.6414, 0.3073,
0.3276

 16.3915, 0.6263,
0.3409

 87.6346, 0.2942,
0.3241

 93.9616, 0.2917,
0.3289

Harmonies

Analogous

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



33.5738, 0.3945, 0.3031



33.5738, 0.4289, 0.3485



33.5738, 0.4277, 0.3939

Triad

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



33.5738, 0.4289, 0.3485



33.5738, 0.2816, 0.4084



33.5738, 0.2316, 0.2355

Complementary

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



33.5738, 0.4289, 0.3485



52.2381, 0.2473, 0.3076

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.



33.5738, 0.2082, 0.2518



33.5738, 0.4289, 0.3485



33.5738, 0.2344, 0.3504

Square

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



33.5738, 0.4289, 0.3485



33.5738, 0.3400, 0.4379



33.5738, 0.2089, 0.2917



33.5738, 0.2768, 0.2410

Rectangle

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



33.5738, 0.4289, 0.3485



33.5738, 0.4081, 0.4193



33.5738, 0.2089, 0.2917



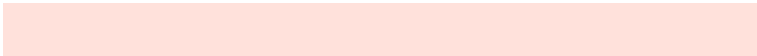
33.5738, 0.2212, 0.2384

Sweetspot

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



33.5755, 0.4289, 0.3485



80.1808, 0.3379, 0.3347



32.5757, 0.3334, 0.2311



16.5714, 0.3425, 0.3356



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.



33.5755, 0.4289, 0.3485



39.6389, 0.4684, 0.3518



50.9474, 0.3991, 0.4066



13.3790, 0.3288, 0.3327



9.7206, 0.6243, 0.3425



0.7345, 0.5962, 0.3648

Inverse Universe

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



52.2381, 0.2473, 0.3076



68.7538, 0.2364, 0.3021



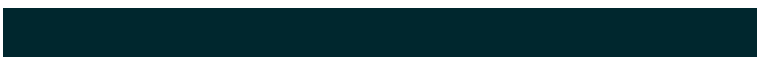
32.0404, 0.2343, 0.2353



14.4642, 0.2982, 0.3252



23.6683, 0.2108, 0.2787



1.6288, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 33.5738, 0.4289, 0.3485 looks on a white background.

Color Contrast Check

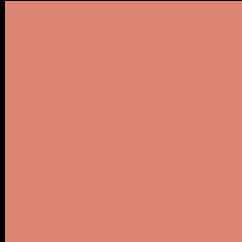
Large Text (above 18pt) WCAG AA × Fail

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 33.5738, 0.4289, 0.3485 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 33.5738, 0.4289, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 33.5738, 0.4289, 0.3485.



This preview shows how white text looks on a background with the Yxy color 33.5738, 0.4289, 0.3485.

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

33.5738, 0.4289, 0.3485

Protanopia

33.8059, 0.3482, 0.3708

Deuteranopia

33.8101, 0.3860, 0.3792



Tritanopia

33.6556, 0.4067, 0.3185

Trichromacy



Original Color

33.5738, 0.4289, 0.3485

Protanomaly

33.4147, 0.3766, 0.3627

Deuteranomaly

33.5175, 0.4012, 0.3677

Tritanomaly

33.5406, 0.4147, 0.3293

Monochromacy



Original Color

33.5738, 0.4289, 0.3485

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3018, 0.3524, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5738, 0.4289, 0.3485 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(220, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 118)  
}
```

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(220, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.5738, 0.4289, 0.3485 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(220, 134, 118) }
```

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

```
.border{ border-color:rgb(220, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 134, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 134, 118); box-shadow:4px 4px 4px 4px rgb(220, 134, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5738, 0.4289, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 118) }
```

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

```
.background{ background-color: rgb(220,  
134, 118) }
```

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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