

Converting Colors

$Yxy(33.5744, 0.3750, 0.2971)$

Have a look what the booklet for
Yxy(33.5744, 0.3750, 0.2971)
contains.

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Color

Yxy(33.5744, 0.3750, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	D6859F
RGB	214, 133, 159
RGB Percent	84%, 52%, 62%
CMY	0.1608, 0.4784, 0.3764
CMYK	0.00, 0.38, 0.26, 0.16
HSL	341°, 50%, 68%
HSV	341°, 38%, 84%
XYZ	42.3777, 33.5744, 37.0550
YIQ	160.1830, 39.9300, 25.2580

Conversions

Conversions Part 2

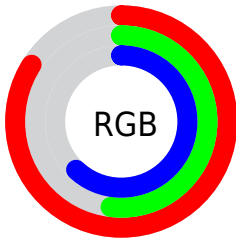
Format	Color
RYB	214, 133, 159
Decimal	14058911
CIELab	64.62, 34.46, -0.63
CIElCh	65, 34.467, 358.955
Yxy	33.5744, 0.3750, 0.2971
Android (android.graphics.Color)	4292248991 (0xFFD6859F)
YUV	160.1830, -0.5832, 47.1975
Hunter-Lab	57.9434, 29.1472, 2.6442

Details

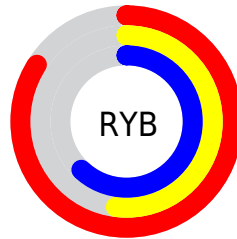
The Yxy color **33.5744, 0.3750, 0.2971** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.7092, 0.2747, 0.3641**, and the grayscale version is **35.2329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6557, 0.3478, 0.3014**, and **14.2854, 0.3940, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **27.8258, 0.4003, 0.2889**, and if you desaturate by 10%, it is **40.5791, 0.3538, 0.3058**.

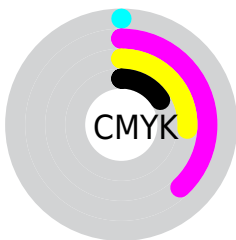
Distribution



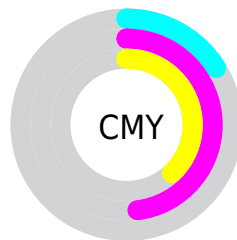
- Red (84%)
- Green (52%)
- Blue (62%)



- Red (84%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (16%)




- Cyan (16%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5744, 0.3750, 0.2971 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 33.5744, 0.3750, 0.2971 by changing the saturation by 10% instead.


 33.5744, 0.3750,
0.2971


 33.5744, 0.3750,
0.2971


318.2301, 0.3422,
0.3138


 22.5668, 0.3837,
0.2927


 65.2713, 0.3627,
0.3034

 14.2740, 0.3953,
0.2868


 86.7294, 0.3582,
0.3057

 8.3115, 0.4113,
0.2787


 112.4398, 0.3544,
0.3076

 4.2949, 0.4348,
0.2668

142.7869, 0.3513,
0.3092

 1.8399, 0.4725,
0.2479

178.1551, 0.3485,
0.3106

 0.5118, 0.5618,
0.2015

218.9287, 0.3461,

 0.0000, 1.0000,

0.3118


0.0000


265.4923, 0.3441,
0.3129


 0.0000, 0.0000,
0.0000

 33.5744, 0.3750,
0.2971

 33.5744, 0.3750,
0.2971


 27.8258, 0.4003,
0.2889


 40.5791, 0.3538,
0.3058

 23.2535, 0.4299,
0.2822


 48.9038, 0.3363,
0.3145

 19.7760, 0.4632,
0.2779

 58.6138, 0.3221,
0.3228

 17.2992, 0.4986,
0.2773

 69.7688, 0.3104,
0.3306

 15.7129, 0.5334,
0.2813

 82.4247, 0.3009,
0.3379

■ 14.8618, 0.5647,
0.2899

■ 92.4806, 0.2930,
0.3380

■ 14.7221, 0.5710,
0.2919

■ 93.0358, 0.2883,
0.3289

Harmonies

Analogous

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



33.5744, 0.3215, 0.2648



33.5744, 0.3750, 0.2971



33.5744, 0.4119, 0.3376

Triad

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



33.5744, 0.3750, 0.2971



33.5744, 0.3500, 0.4268



33.5744, 0.2164, 0.2665

Complementary

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



33.5744, 0.3750, 0.2971



56.7092, 0.2747, 0.3641

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.



33.5744, 0.2225, 0.3073



33.5744, 0.3750, 0.2971



33.5744, 0.2972, 0.4081

Square

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



33.5744, 0.3750, 0.2971



33.5744, 0.3951, 0.4134



33.5744, 0.2509, 0.3611



33.5744, 0.2328, 0.2462

Rectangle

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



33.5744, 0.3750, 0.2971



33.5744, 0.4202, 0.3658



33.5744, 0.2509, 0.3611



33.5744, 0.2159, 0.2780

Sweetspot

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



33.5760, 0.3750, 0.2971



82.2245, 0.3264, 0.3201



32.1962, 0.2912, 0.2285



17.1698, 0.3283, 0.3190



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.



33.5760, 0.3750, 0.2971



43.2678, 0.3939, 0.2908



36.7028, 0.3990, 0.3460



12.4859, 0.3241, 0.3215



8.9157, 0.5672, 0.2898



0.5527, 0.5178, 0.2626

Inverse Universe

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



33.5760, 0.3750, 0.2971



43.2678, 0.3939, 0.2908



51.3820, 0.2577, 0.3109



12.4859, 0.3241, 0.3215



8.9157, 0.5672, 0.2898



0.5527, 0.5178, 0.2626

Previews

White Background



This preview shows how the Yxy color 33.5744, 0.3750, 0.2971 looks on a white background.

Color Contrast Check

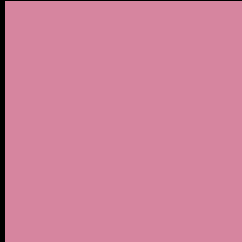
Large Text (above 18pt) WCAG AA × Fail

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 33.5744, 0.3750, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

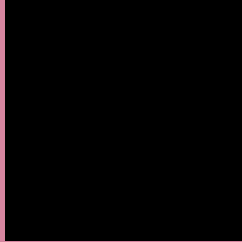
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5744, 0.3750, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 33.5744, 0.3750, 0.2971.



This preview shows how white text looks on a background with the Yxy color 33.5744, 0.3750, 0.2971.

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

33.5744, 0.3750, 0.2971

Protanopia

33.7626, 0.2968, 0.3041

Deuteranopia

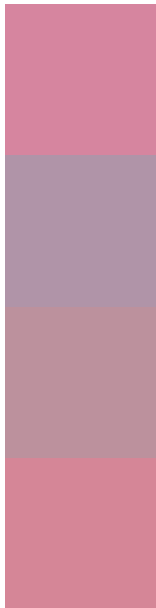
33.7410, 0.3303, 0.3233



Tritanopia

33.5494, 0.3883, 0.3155

Trichromacy



Original Color

33.5744, 0.3750, 0.2971

Protanomaly

33.2371, 0.3222, 0.3011

Deuteranomaly

33.3765, 0.3462, 0.3127

Tritanomaly

33.4307, 0.3829, 0.3081

Monochromacy



Original Color

33.5744, 0.3750, 0.2971

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0541, 0.3338, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5744, 0.3750, 0.2971 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(214, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 133, 159)  
}
```

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(214, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 133, 159) }
```

Border

The CSS property to change the border of an element to Yxy 33.5744, 0.3750, 0.2971 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(214, 133, 159) }
```

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

```
.border{ border-color:rgb(214, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 133,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5744, 0.3750, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 133, 159) }
```

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

```
.background{ background-color: rgb(214,  
133, 159) }
```

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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