

Converting Colors

$Yxy(33.0609, 0.3900, 0.3167)$

Have a look what the booklet for
Yxy(33.0609, 0.3900, 0.3167)
contains.

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Color

Yxy(33.0609, 0.3900, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	D48690
RGB	212, 134, 144
RGB Percent	83%, 53%, 56%
CMY	0.1686, 0.4745, 0.4353
CMYK	0.00, 0.37, 0.32, 0.17
HSL	352°, 48%, 68%
HSV	352°, 37%, 83%
XYZ	40.7128, 33.0609, 30.6181
YIQ	158.4620, 43.2780, 19.6460

Conversions

Conversions Part 2

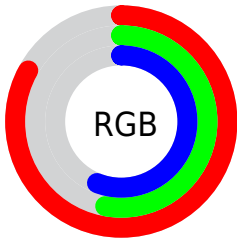
Format	Color
R _Y B	212, 134, 144
Decimal	13928080
CIE Lab	64.21, 31.17, 7.26
CIE LCh	64, 32.009, 13.117
Yxy	33.0609, 0.3900, 0.3167
Android (android.graphics.Color)	4292118160 (0xFFD48690)
YUV	158.4620, -7.1298, 46.9528
Hunter-Lab	57.4986, 25.7673, 8.6770

Details

The Yxy color **33.0609, 0.3900, 0.3167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4269, 0.2670, 0.3421**, and the grayscale version is **34.4319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3037, 0.3609, 0.3188**, and **13.9632, 0.4150, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **27.2580, 0.4230, 0.3136**, and if you desaturate by 10%, it is **40.1343, 0.3627, 0.3201**.

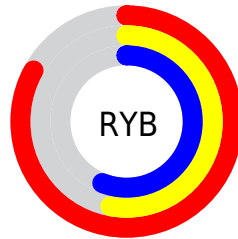
Distribution



Red (83%)

Green (53%)

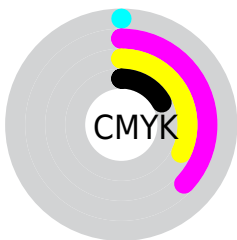
Blue (56%)



Red (83%)

Yellow (53%)

Blue (56%)

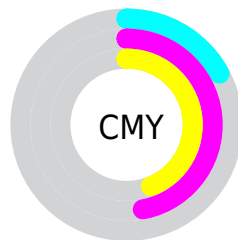


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0609, 0.3900, 0.3167 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 33.0609, 0.3900, 0.3167 by changing the saturation by 10% instead.


 33.0609, 0.3900,
0.3167


 33.0609, 0.3900,
0.3167


315.9241, 0.3489,
0.3240


 22.1731, 0.4011,
0.3145


 64.4706, 0.3744,
0.3196

 13.9841, 0.4159,
0.3114


 85.7613, 0.3688,
0.3206

 8.1096, 0.4365,
0.3067


 111.2884, 0.3641,
0.3215

 4.1652, 0.4671,
0.2992

141.4363, 0.3601,
0.3221

 1.7664, 0.5165,
0.2854

176.5895, 0.3567,
0.3227

 0.4661, 0.7297,
0.2703

217.1322, 0.3537,

 0.0000, 1.0000,

0.3232

0.0000

263.4489, 0.3511,
0.3236

0.0000, 0.0000,
0.0000

33.0609, 0.3900,
0.3167

33.0609, 0.3900,
0.3167

27.2580, 0.4230,
0.3136

40.1343, 0.3627,
0.3201

22.6457, 0.4618,
0.3112

48.5424, 0.3406,
0.3236

19.1425, 0.5049,
0.3103

58.3506, 0.3228,
0.3269

16.6548, 0.5490,
0.3113


69.6188, 0.3085,
0.3300


15.0732, 0.5886,
0.3148

82.4034, 0.2969,
0.3328

 14.2567, 0.6180,
0.3203

 92.7329, 0.2872,
0.3290

 14.0789, 0.6252,
0.3218

 92.7390, 0.2872,
0.3289

Harmonies

Analogous

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



33.0609, 0.3454, 0.2817



33.0609, 0.3900, 0.3167



33.0609, 0.4121, 0.3564

Triad

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



33.0609, 0.3900, 0.3167



33.0609, 0.3247, 0.4156



33.0609, 0.2269, 0.2591

Complementary

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



33.0609, 0.3900, 0.3167



56.4269, 0.2670, 0.3421

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.



33.0609, 0.2226, 0.2888



33.0609, 0.3900, 0.3167



33.0609, 0.2764, 0.3841

Square

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



33.0609, 0.3900, 0.3167



33.0609, 0.3719, 0.4170



33.0609, 0.2398, 0.3350



33.0609, 0.2520, 0.2491

Rectangle

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



33.0609, 0.3900, 0.3167



33.0609, 0.4104, 0.3818



33.0609, 0.2398, 0.3350



33.0609, 0.2231, 0.2668

Sweetspot

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



33.0625, 0.3900, 0.3167



81.9146, 0.3300, 0.3255



34.3066, 0.3069, 0.2357



17.0964, 0.3325, 0.3250



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.



33.0625, 0.3900, 0.3167



43.2852, 0.4148, 0.3143



41.7744, 0.3884, 0.3647



12.4464, 0.3271, 0.3260



8.6986, 0.6228, 0.3204



0.5334, 0.5843, 0.2993

Inverse Universe

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



33.0625, 0.3900, 0.3167



43.2852, 0.4148, 0.3143



43.8580, 0.2560, 0.2899



12.4464, 0.3271, 0.3260



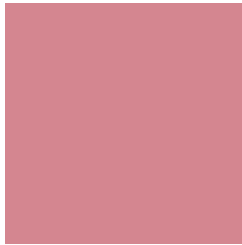
8.6986, 0.6228, 0.3204



0.5334, 0.5843, 0.2993

Previews

White Background



This preview shows how the Yxy color 33.0609, 0.3900, 0.3167 looks on a white background.

Color Contrast Check

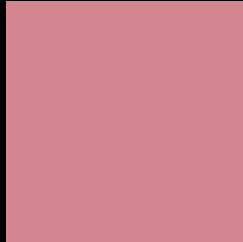
Large Text (above 18pt) WCAG AA × Fail

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 33.0609, 0.3900, 0.3167 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 33.0609, 0.3900, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 33.0609, 0.3900, 0.3167.



This preview shows how white text looks on a background with the Yxy color 33.0609, 0.3900, 0.3167.

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

33.0609, 0.3900, 0.3167

Protanopia

33.2139, 0.3158, 0.3275

Deuteranopia

33.0829, 0.3499, 0.3420



Tritanopia

33.0609, 0.3900, 0.3167

Trichromacy



Original Color

33.0609, 0.3900, 0.3167

Protanomaly

32.5994, 0.3404, 0.3220

Deuteranomaly

32.8467, 0.3647, 0.3319

Tritanomaly

33.0609, 0.3900, 0.3167

Monochromacy



Original Color

33.0609, 0.3900, 0.3167

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2598, 0.3390, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0609, 0.3900, 0.3167 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(212, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 144)  
}
```

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(212, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 144) }
```

Border

The CSS property to change the border of an element to Yxy 33.0609, 0.3900, 0.3167 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(212, 134, 144) }
```

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

```
.border{ border-color:rgb(212, 134, 144) }
```

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

Here you see how a box with a 4 pixel rgb(212, 134, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0609, 0.3900, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 134, 144) }
```

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

```
.background{ background-color: rgb(212,  
134, 144) }
```

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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