

Converting Colors

$Yxy(36.3288, 0.3795, 0.3292)$

Have a look what the booklet for
Yxy(36.3288, 0.3795, 0.3292)
contains.

Yxy(36.1884, 0.3799, 0.3292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1884, 0.3799, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D19292
RGB	209, 146, 146
RGB Percent	82%, 57%, 57%
CMY	0.1804, 0.4274, 0.4274
CMYK	0.00, 0.30, 0.30, 0.18
HSL	0°, 41%, 70%
HSV	0°, 30%, 82%
XYZ	41.7618, 36.1884, 31.9781
YIQ	164.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

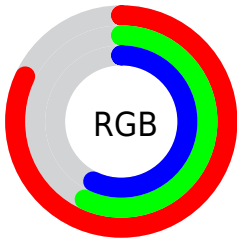
Format	Color
R _Y B	209, 146, 146
Decimal	13734546
CIE Lab	66.66, 23.81, 9.58
CIE LCh	67, 25.664, 21.923
Yxy	36.1884, 0.3799, 0.3292
Android (android.graphics.Color)	4291924626 (0xFFD19292)
YUV	164.8370, -9.2866, 38.7310
Hunter-Lab	60.1568, 18.6430, 10.5924

Details

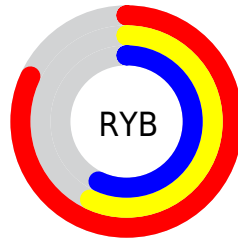
The Yxy color **36.1884, 0.3799, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.3138, 0.2696, 0.3289**, and the grayscale version is **37.5775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7387, 0.3567, 0.3291**, and **15.8013, 0.4009, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **29.7328, 0.4137, 0.3293**, and if you desaturate by 10%, it is **43.9440, 0.3525, 0.3291**.

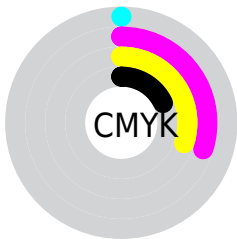
Distribution



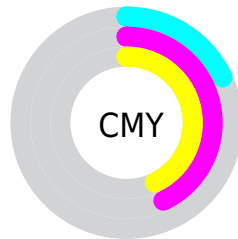
- Red (82%)
- Green (57%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1884, 0.3799, 0.3292 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 36.1884, 0.3799, 0.3292 by changing the saturation by 10% instead.


 36.1884, 0.3799,
0.3292


 36.1884, 0.3799,
0.3292


329.7833, 0.3446,
0.3299

 24.5797, 0.3893,
0.3288


 69.3228, 0.3666,
0.3296

 15.7642, 0.4017,
0.3280


 91.6172, 0.3618,
0.3297

 9.3575, 0.4188,
0.3267


118.2425, 0.3577,
0.3298

 4.9751, 0.4438,
0.3241

149.5828, 0.3543,
0.3298

 2.2326, 0.4835,
0.3184

186.0226, 0.3514,
0.3299

 0.7377, 0.6102,
0.3301

227.9464, 0.3488,

 0.0000, 1.0000,

0.3299

0.0000

275.7385, 0.3466,
0.3299

0.0000, 0.0000,
0.0000

36.1884, 0.3799,
0.3292

36.1884, 0.3799,
0.3292

29.7328, 0.4137,
0.3293

43.9440, 0.3525,
0.3291

24.5015, 0.4541,
0.3294

53.0598, 0.3305,
0.3291

20.4185, 0.5001,
0.3296

63.5986, 0.3129,
0.3290

17.3976, 0.5481,
0.3297

75.6175, 0.2989,
0.3290

15.3405, 0.5916,
0.3298

89.1707, 0.2876,
0.3289

■ 14.1303, 0.6231,
0.3299

■ 92.2954, 0.2855,
0.3289

■ 13.5557, 0.6401,
0.3300

Harmonies

Analogous

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



36.1884, 0.3497, 0.2992



36.1884, 0.3799, 0.3292



36.1884, 0.3907, 0.3609

Triad

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



36.1884, 0.3799, 0.3292



36.1884, 0.3113, 0.3902



36.1884, 0.2490, 0.2700

Complementary

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



36.1884, 0.3799, 0.3292



56.3138, 0.2696, 0.3289

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.



36.1884, 0.2404, 0.2899



36.1884, 0.3799, 0.3292



36.1884, 0.2749, 0.3611

Square

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



36.1884, 0.3799, 0.3292



36.1884, 0.3496, 0.3992



36.1884, 0.2495, 0.3230



36.1884, 0.2737, 0.2660

Rectangle

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



36.1884, 0.3799, 0.3292



36.1884, 0.3854, 0.3794



36.1884, 0.2495, 0.3230



36.1884, 0.2442, 0.2749

Sweetspot

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



36.1901, 0.3799, 0.3292



84.8312, 0.3285, 0.3290



38.7170, 0.3162, 0.2546



17.6702, 0.3313, 0.3291



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.



36.1901, 0.3799, 0.3292



50.1791, 0.4003, 0.3293



47.2733, 0.3684, 0.3682



11.8084, 0.3291, 0.3291



8.3580, 0.6401, 0.3300



0.4674, 0.6401, 0.3300

Inverse Universe

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



56.3138, 0.2696, 0.3289



86.5439, 0.2620, 0.3288



42.3571, 0.2648, 0.2862



13.4070, 0.2983, 0.3290



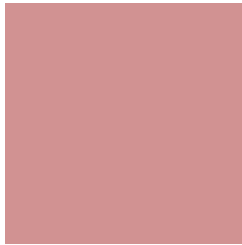
30.9506, 0.2247, 0.3287



1.7306, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 36.1884, 0.3799, 0.3292 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 36.1884, 0.3799, 0.3292 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 36.1884, 0.3799, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 36.1884, 0.3799, 0.3292.



This preview shows how white text looks on a background with the Yxy color 36.1884, 0.3799, 0.3292.

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

36.1884, 0.3799, 0.3292

Protanopia

36.3892, 0.3247, 0.3406

Deuteranopia

36.4418, 0.3533, 0.3470



Tritanopia

36.3527, 0.3705, 0.3154

Trichromacy



Original Color

36.1884, 0.3799, 0.3292

Protanomaly

35.9564, 0.3436, 0.3360

Deuteranomaly

36.2961, 0.3628, 0.3399

Tritanomaly

36.2194, 0.3748, 0.3204

Monochromacy



Original Color

36.1884, 0.3799, 0.3292

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7461, 0.3354, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1884, 0.3799, 0.3292 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(209, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 146)  
}
```

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(209, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.1884, 0.3799, 0.3292 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(209, 146, 146) }
```

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

```
.border{ border-color:rgb(209, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1884, 0.3799, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 146) }
```

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

```
.background{ background-color: rgb(209,  
146, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor