

Converting Colors

$Yxy(36.6393, 0.3727, 0.3292)$

Have a look what the booklet for
Yxy(36.6393, 0.3727, 0.3292)
contains.

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Color

Yxy(36.7866, 0.3725, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	CE9595
RGB	206, 149, 149
RGB Percent	81%, 58%, 58%
CMY	0.1921, 0.4157, 0.4157
CMYK	0.00, 0.28, 0.28, 0.19
HSL	0°, 37%, 70%
HSV	0°, 28%, 81%
XYZ	41.6252, 36.7866, 33.3337
YIQ	166.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

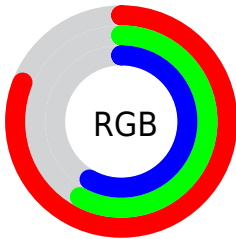
Format	Color
R _Y B	206, 149, 149
Decimal	13538709
CIE Lab	67.12, 21.44, 8.51
CIE LCh	67, 23.068, 21.650
Yxy	36.7866, 0.3725, 0.3292
Android (android.graphics.Color)	4291728789 (0xFFCE9595)
YUV	166.0430, -8.4022, 35.0423
Hunter-Lab	60.6520, 16.3629, 9.8712

Details

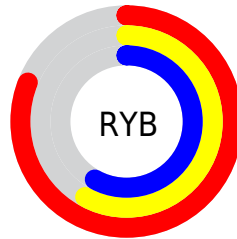
The Yxy color $36.7866, 0.3725, 0.3292$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $54.9780, 0.2728, 0.3289$, and the grayscale version is $38.1847, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.2837, 0.3537, 0.3291$, and $16.1012, 0.3916, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $30.2372, 0.4046, 0.3293$, and if you desaturate by 10%, it is $44.6079, 0.3465, 0.3291$.

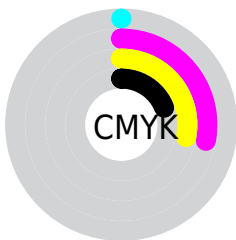
Distribution



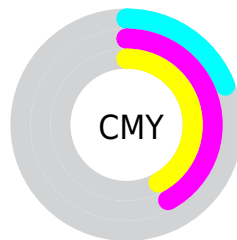
- Red (81%)
- Green (58%)
- Blue (58%)



- Red (81%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (19%)




- Cyan (19%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7866, 0.3725, 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 36.7866, 0.3725, 0.3292 by changing the saturation by 10% instead.


 36.7866, 0.3725,
0.3292

 36.7866, 0.3725,
0.3292


332.3857, 0.3412,
0.3297

 25.0423, 0.3808,
0.3289


 70.2445, 0.3608,
0.3295

 16.1086, 0.3918,
0.3283


 92.7268, 0.3565,
0.3296

 9.6010, 0.4068,
0.3272


119.5573, 0.3529,
0.3297

 5.1352, 0.4289,
0.3252

151.1203, 0.3498,
0.3297

 2.3268, 0.4640,
0.3208

187.8003, 0.3472,
0.3297

 0.7879, 0.5623,
0.3282

229.9816, 0.3449,

 0.0000, 1.0000,

0.3297

0.0000

278.0486, 0.3429,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 36.7866, 0.3725,
0.3292

■ 36.7866, 0.3725,
0.3292

■ 30.2372, 0.4046,
0.3293

■ 44.6079, 0.3465,
0.3291

■ 24.8876, 0.4433,
0.3294

■ 53.7577, 0.3258,
0.3290

■ 20.6666, 0.4881,
0.3296

■ 64.2957, 0.3092,
0.3290

■ 17.4935, 0.5360,
0.3297

■ 76.2763, 0.2959,
0.3289

■ 15.2766, 0.5814,
0.3298

■ 89.7509, 0.2852,
0.3289

■ 13.9086, 0.6165,
0.3299

■ 91.8621, 0.2838,
0.3289

■ 13.2380, 0.6365,
0.3300

■ 13.1237, 0.6401,
0.3300

Harmonies

Analogous

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



36.7866, 0.3455, 0.3020



36.7866, 0.3725, 0.3292



36.7866, 0.3824, 0.3577

Triad

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



36.7866, 0.3725, 0.3292



36.7866, 0.3120, 0.3835



36.7866, 0.2552, 0.2762

Complementary

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



36.7866, 0.3725, 0.3292



54.9780, 0.2728, 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.



36.7866, 0.2476, 0.2944



36.7866, 0.3725, 0.3292



36.7866, 0.2792, 0.3579

Square

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



36.7866, 0.3725, 0.3292



36.7866, 0.3463, 0.3916



36.7866, 0.2561, 0.3242



36.7866, 0.2776, 0.2722

Rectangle

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



36.7866, 0.3725, 0.3292



36.7866, 0.3778, 0.3743



36.7866, 0.2561, 0.3242



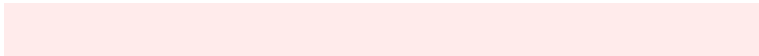
36.7866, 0.2509, 0.2808

Sweetspot

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



36.7883, 0.3725, 0.3292



86.4272, 0.3266, 0.3290



39.0686, 0.3159, 0.2607



17.9882, 0.3295, 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.



36.7883, 0.3725, 0.3292



53.2754, 0.3901, 0.3293



46.9311, 0.3630, 0.3648



11.2143, 0.3290, 0.3291



8.0813, 0.6400, 0.3300



0.4171, 0.6399, 0.3301

Inverse Universe

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



54.9780, 0.2728, 0.3289



87.3613, 0.2656, 0.3288



42.4841, 0.2689, 0.2903



12.7263, 0.2984, 0.3290



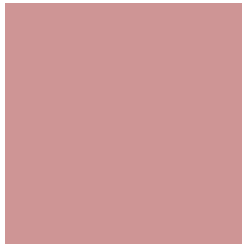
29.9035, 0.2246, 0.3286



1.5429, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 36.7866, 0.3725, 0.3292 looks on a white background.

Color Contrast Check

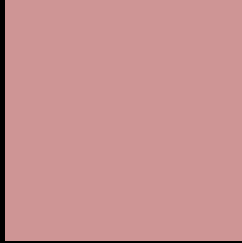
Large Text (above 18pt) WCAG AA × Fail

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 36.7866, 0.3725, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

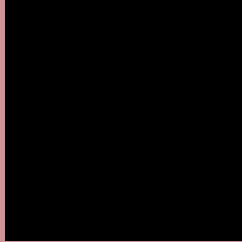
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7866, 0.3725, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 36.7866, 0.3725, 0.3292.



This preview shows how white text looks on a background with the Yxy color 36.7866, 0.3725, 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

36.7866, 0.3725, 0.3292

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

36.8746, 0.3501, 0.3442



Tritanopia

36.6360, 0.3635, 0.3139

Trichromacy



Original Color

36.7866, 0.3725, 0.3292

Protanomaly

36.7319, 0.3402, 0.3346

Deuteranomaly

36.9183, 0.3581, 0.3385

Tritanomaly

36.8118, 0.3675, 0.3203

Monochromacy



Original Color

36.7866, 0.3725, 0.3292

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5034, 0.3332, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7866, 0.3725, 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(206, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(206, 149, 149)  
}
```

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(206, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 149, 149) }
```

Border

The CSS property to change the border of an element to Yxy 36.7866, 0.3725, 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(206, 149, 149) }
```

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

```
.border{ border-color:rgb(206, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(206, 149,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7866, 0.3725, 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(206, 149, 149) }
```

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

```
.background{ background-color: rgb(206,  
149, 149) }
```

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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