

Converting Colors

$Yxy(35.4451, 0.3901, 0.3292)$

Have a look what the booklet for
Yxy(35.4451, 0.3901, 0.3292)
contains.

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Color

Yxy(35.4451, 0.3901, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D58E8E
RGB	213, 142, 142
RGB Percent	84%, 56%, 56%
CMY	0.1646, 0.4432, 0.4431
CMYK	0.00, 0.33, 0.33, 0.16
HSL	360°, 46%, 70%
HSV	360°, 33%, 84%
XYZ	42.0022, 35.4451, 30.2231
YIQ	163.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

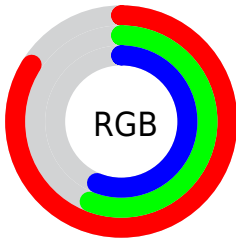
Format	Color
R _Y B	213, 142, 142
Decimal	13995662
CIE Lab	66.09, 26.99, 11.08
CIE LCh	66, 29.177, 22.312
Yxy	35.4451, 0.3901, 0.3292
Android (android.graphics.Color)	4292185742 (0xFFD58E8E)
YUV	163.2290, -10.4659, 43.6492
Hunter-Lab	59.5358, 21.7433, 11.5767

Details

The Yxy color **35.4451, 0.3901, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1560, 0.2656, 0.3289**, and the grayscale version is **36.7764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7254, 0.3608, 0.3291**, and **15.3228, 0.4145, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **29.1227, 0.4261, 0.3293**, and if you desaturate by 10%, it is **43.1043, 0.3607, 0.3291**.

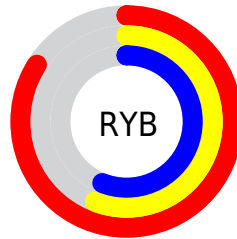
Distribution



Red (84%)

Green (56%)

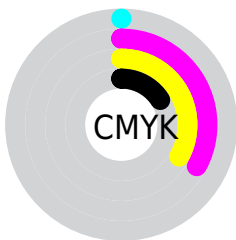
Blue (56%)



Red (84%)

Yellow (56%)

Blue (56%)

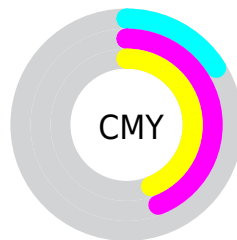


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4451, 0.3901, 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 35.4451, 0.3901, 0.3292 by changing the saturation by 10% instead.


 35.4451, 0.3901,
0.3292


 35.4451, 0.3901,
0.3292


326.5286, 0.3493,
0.3301

 24.0059, 0.4010,
0.3286


 68.1747, 0.3747,
0.3298

 15.3380, 0.4154,
0.3276


 90.2340, 0.3691,
0.3299

 9.0570, 0.4353,
0.3258


 116.6021, 0.3645,
0.3300

 4.7784, 0.4643,
0.3222

147.6634, 0.3605,
0.3301

 2.1178, 0.5103,
0.3145

183.8023, 0.3571,
0.3301

 0.6746, 0.6730,
0.3270

225.4032, 0.3541,

 0.0000, 1.0000,

0.3301


0.0000


272.8505, 0.3515,
0.3301


 0.0000, 0.0000,
0.0000


 35.4451, 0.3901,
0.3292


 35.4451, 0.3901,
0.3292

 29.1227, 0.4261,
0.3293

 43.1043, 0.3607,
0.3291


 24.0559, 0.4686,
0.3294

 52.1655, 0.3370,
0.3291


 20.1625, 0.5158,
0.3296

 62.6956, 0.3181,
0.3290

 17.3483, 0.5632,
0.3297

 74.7556, 0.3031,
0.3290

 15.5049, 0.6036,
0.3298

 88.4035, 0.2909,
0.3289

■ 14.5012, 0.6300,
0.3299

■ 92.8900, 0.2877,
0.3289

■ 14.1501, 0.6400,
0.3300

Harmonies

Analogous

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



35.4451, 0.3555, 0.2955



35.4451, 0.3901, 0.3292



35.4451, 0.4021, 0.3650

Triad

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



35.4451, 0.3901, 0.3292



35.4451, 0.3101, 0.3995



35.4451, 0.2406, 0.2617

Complementary

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



35.4451, 0.3901, 0.3292



58.1560, 0.2656, 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.



35.4451, 0.2307, 0.2835



35.4451, 0.3901, 0.3292



35.4451, 0.2689, 0.3653

Square

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



35.4451, 0.3901, 0.3292



35.4451, 0.3539, 0.4096



35.4451, 0.2406, 0.3211



35.4451, 0.2687, 0.2577

Rectangle

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



35.4451, 0.3901, 0.3292



35.4451, 0.3954, 0.3863



35.4451, 0.2406, 0.3211



35.4451, 0.2352, 0.2670

Sweetspot

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



35.4468, 0.3901, 0.3292



83.2612, 0.3304, 0.3290



38.1225, 0.3155, 0.2465



17.3575, 0.3333, 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.



35.4468, 0.3901, 0.3292



46.3433, 0.4148, 0.3293



47.2809, 0.3762, 0.3712



12.4209, 0.3291, 0.3290



8.6412, 0.6400, 0.3300



0.5212, 0.6399, 0.3299

Inverse Universe

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



35.4468, 0.3901, 0.3292



46.3433, 0.4148, 0.3293



42.6726, 0.2597, 0.2825



12.4209, 0.3291, 0.3290



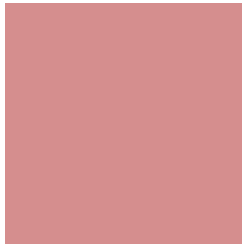
8.6412, 0.6400, 0.3300



0.5212, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 35.4451, 0.3901, 0.3292 looks on a white background.

Color Contrast Check

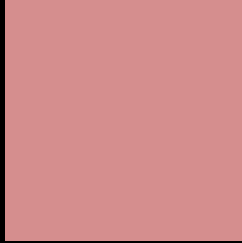
Large Text (above 18pt) WCAG AA × Fail

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 35.4451, 0.3901, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

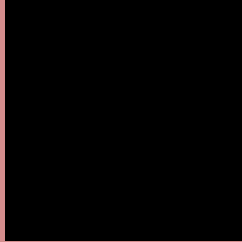
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4451, 0.3901, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 35.4451, 0.3901, 0.3292.



This preview shows how white text looks on a background with the Yxy color 35.4451, 0.3901, 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

35.4451, 0.3901, 0.3292

Protanopia

35.5156, 0.3258, 0.3407

Deuteranopia

35.5265, 0.3568, 0.3500



Tritanopia

35.5803, 0.3815, 0.3168

Trichromacy



Original Color

35.4451, 0.3901, 0.3292

Protanomaly

34.9879, 0.3483, 0.3361

Deuteranomaly

35.3379, 0.3690, 0.3412

Tritanomaly

35.4840, 0.3848, 0.3205

Monochromacy



Original Color

35.4451, 0.3901, 0.3292

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6330, 0.3389, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4451, 0.3901, 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(213, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 142, 142)  
}
```

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(213, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 142, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.4451, 0.3901, 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(213, 142, 142) }
```

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

```
.border{ border-color:rgb(213, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 142,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4451, 0.3901, 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(213, 142, 142) }
```

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

```
.background{ background-color: rgb(213,  
142, 142) }
```

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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