

Converting Colors

$Y_{xy}(35.3075, 0.3747, 0.3129)$

Have a look what the booklet for
Yxy(35.3075, 0.3747, 0.3129)
contains.

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Color

Yxy(35.2317, 0.3750, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	D38D9A
RGB	211, 141, 154
RGB Percent	83%, 55%, 60%
CMY	0.1725, 0.4471, 0.3961
CMYK	0.00, 0.33, 0.27, 0.17
HSL	349°, 44%, 69%
HSV	349°, 33%, 83%
XYZ	42.2240, 35.2317, 35.1416
YIQ	163.4120, 37.5470, 18.8830

Conversions

Conversions Part 2

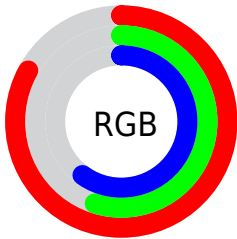
Format	Color
R _Y B	211, 141, 154
Decimal	13864346
CIE Lab	65.93, 28.37, 4.07
CIE LCh	66, 28.663, 8.159
Yxy	35.2317, 0.3750, 0.3129
Android (android.graphics.Color)	4292054426 (0xFFD38D9A)
YUV	163.4120, -4.6401, 41.7347
Hunter-Lab	59.3563, 23.1051, 6.4470

Details

The Yxy color **35.2317, 0.3750, 0.3129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.3372, 0.2732, 0.3461**, and the grayscale version is **36.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8443, 0.3513, 0.3157**, and **15.2602, 0.3954, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **29.0599, 0.4036, 0.3081**, and if you desaturate by 10%, it is **42.6743, 0.3515, 0.3180**.

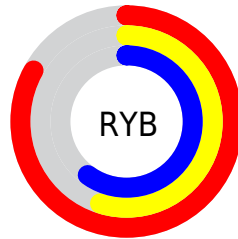
Distribution



Red (83%)

Green (55%)

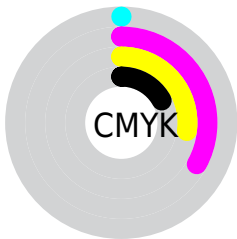
Blue (60%)



Red (83%)

Yellow (55%)

Blue (60%)

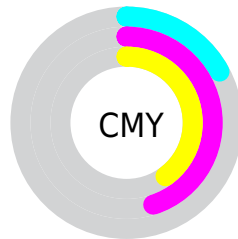


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2317, 0.3750, 0.3129 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 35.2317, 0.3750, 0.3129 by changing the saturation by 10% instead.


 35.2317, 0.3750,
0.3129

 35.2317, 0.3750,
0.3129


325.5899, 0.3422,
0.3217

 23.8414, 0.3837,
0.3104


 67.8446, 0.3627,
0.3163

 15.2160, 0.3952,
0.3071


 89.8359, 0.3582,
0.3175

 8.9711, 0.4112,
0.3024


 116.1297, 0.3545,
0.3185

 4.7224, 0.4346,
0.2952

147.1104, 0.3513,
0.3193

 2.0853, 0.4721,
0.2831

183.1624, 0.3485,
0.3201

 0.6563, 0.5650,
0.2628

224.6700, 0.3462,


 0.0000, 1.0000,

0.3207


0.0000


272.0177, 0.3441,
0.3212


 0.0000, 0.0000,
0.0000

 35.2317, 0.3750,
0.3129

 35.2317, 0.3750,
0.3129


 29.0599, 0.4036,
0.3081


 42.6743, 0.3515,
0.3180


 24.0830, 0.4377,
0.3040

 51.4481, 0.3324,
0.3229


 20.2245, 0.4767,
0.3013

 61.6157, 0.3170,
0.3276

 17.3971, 0.5185,
0.3011

 73.2344, 0.3045,
0.3319

 15.5004, 0.5594,
0.3040

 86.3581, 0.2944,
0.3359

■ 14.4137, 0.5943,
0.3101

■ 92.5912, 0.2866,
0.3289

■ 13.9986, 0.6130,
0.3150

Harmonies

Analogous

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



35.2317, 0.3342, 0.2828



35.2317, 0.3750, 0.3129



35.2317, 0.3983, 0.3481

Triad

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



35.2317, 0.3750, 0.3129



35.2317, 0.3310, 0.4064



35.2317, 0.2347, 0.2707

Complementary

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



35.2317, 0.3750, 0.3129



56.3372, 0.2732, 0.3461

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.



35.2317, 0.2341, 0.3001



35.2317, 0.3750, 0.3129



35.2317, 0.2877, 0.3829

Square

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



35.2317, 0.3750, 0.3129



35.2317, 0.3711, 0.4043



35.2317, 0.2528, 0.3419



35.2317, 0.2542, 0.2584

Rectangle

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



35.2317, 0.3750, 0.3129



35.2317, 0.3999, 0.3710



35.2317, 0.2528, 0.3419



35.2317, 0.2323, 0.2787

Sweetspot

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



35.2334, 0.3750, 0.3129



83.5295, 0.3273, 0.3244



35.6254, 0.3033, 0.2438



17.4217, 0.3296, 0.3237



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.



35.2334, 0.3750, 0.3129



47.0181, 0.3952, 0.3094



41.6163, 0.3809, 0.3554



11.8436, 0.3262, 0.3247



8.4579, 0.6098, 0.3133



0.4839, 0.5600, 0.2859

Inverse Universe

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



35.2334, 0.3750, 0.3129



47.0181, 0.3952, 0.3094



47.1980, 0.2623, 0.3007



11.8436, 0.3262, 0.3247



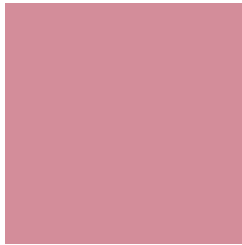
8.4579, 0.6098, 0.3133



0.4839, 0.5600, 0.2859

Previews

White Background



This preview shows how the Yxy color 35.2317, 0.3750, 0.3129 looks on a white background.

Color Contrast Check

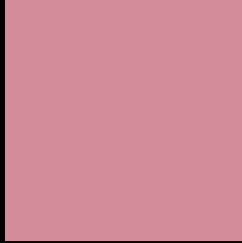
Large Text (above 18pt) WCAG AA × Fail

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 35.2317, 0.3750, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

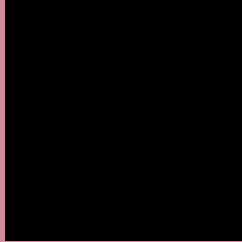
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2317, 0.3750, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 35.2317, 0.3750, 0.3129.



This preview shows how white text looks on a background with the Yxy color 35.2317, 0.3750, 0.3129.

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

35.2317, 0.3750, 0.3129

Protanopia

35.5396, 0.3102, 0.3218

Deuteranopia

35.2608, 0.3407, 0.3347



Tritanopia

35.1656, 0.3772, 0.3154

Trichromacy



Original Color

35.2317, 0.3750, 0.3129

Protanomaly

35.0590, 0.3324, 0.3180

Deuteranomaly

35.1561, 0.3534, 0.3264

Tritanomaly

35.1985, 0.3761, 0.3141

Monochromacy



Original Color

35.2317, 0.3750, 0.3129

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6841, 0.3330, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2317, 0.3750, 0.3129 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(211, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 154)  
}
```

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(211, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 154) }
```

Border

The CSS property to change the border of an element to Yxy 35.2317, 0.3750, 0.3129 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(211, 141, 154) }
```

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

```
.border{ border-color:rgb(211, 141, 154) }
```

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

Here you see how a box with a 4 pixel rgb(211, 141, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2317, 0.3750, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 154) }
```

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

```
.background{ background-color: rgb(211,  
141, 154) }
```

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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