

Converting Colors

$Y_{xy}(36.5220, 0.3783, 0.3065)$

Have a look what the booklet for
Yxy(36.5220, 0.3783, 0.3065)
contains.

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Color

Yxy(36.4750, 0.3791, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	DC8C9F
RGB	220, 140, 159
RGB Percent	86%, 55%, 62%
CMY	0.1374, 0.4509, 0.3765
CMYK	0.00, 0.36, 0.28, 0.14
HSL	346°, 53%, 71%
HSV	346°, 36%, 86%
XYZ	45.1442, 36.4750, 37.4634
YIQ	166.0860, 41.5810, 22.8690

Conversions

Conversions Part 2

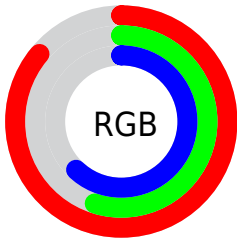
Format	Color
R _Y B	220, 140, 159
Decimal	14453919
CIE Lab	66.88, 32.87, 2.75
CIE LCh	67, 32.982, 4.789
Yxy	36.4750, 0.3791, 0.3063
Android (android.graphics.Color)	4292643999 (0xFFDC8C9F)
YUV	166.0860, -3.4934, 47.2826
Hunter-Lab	60.3945, 27.7362, 5.4979

Details

The Yxy color **36.4750, 0.3791, 0.3063** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.9633, 0.2722, 0.3535**, and the grayscale version is **38.1805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6986, 0.3466, 0.3086**, and **15.8487, 0.3998, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **30.1335, 0.4074, 0.3002**, and if you desaturate by 10%, it is **44.1839, 0.3557, 0.3128**.

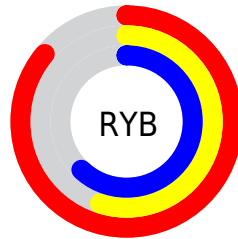
Distribution



Red (86%)

Green (55%)

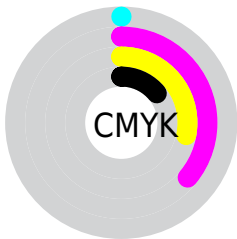
Blue (62%)



Red (86%)

Yellow (55%)

Blue (62%)

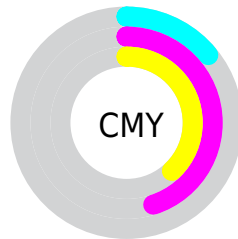


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (14%)



Cyan (14%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4750, 0.3791, 0.3063 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 36.4750, 0.3791, 0.3063 by changing the saturation by 10% instead.


 36.4750, 0.3791,
0.3063

 36.4750, 0.3791,
0.3063


331.0319, 0.3445,
0.3184

 24.8013, 0.3882,
0.3030


 69.7646, 0.3662,
0.3109

 15.9291, 0.4002,
0.2987


 92.1492, 0.3614,
0.3125

 9.4740, 0.4167,
0.2927


 118.8730, 0.3574,
0.3139

 5.0516, 0.4406,
0.2837

150.3202, 0.3541,
0.3151

 2.2776, 0.4783,
0.2692

186.8753, 0.3511,
0.3161

 0.7618, 0.5528,
0.2436

228.9227, 0.3486,

 0.0000, 1.0000,

0.3170

0.0000

276.8468, 0.3464,
0.3177

0.0000, 0.0000,
0.0000

36.4750, 0.3791,
0.3063

36.4750, 0.3791,
0.3063

30.1335, 0.4074,
0.3002

44.1839, 0.3557,
0.3128

25.0740, 0.4407,
0.2953

53.3286, 0.3365,
0.3192

21.2098, 0.4783,
0.2923

63.9791, 0.3210,
0.3253

18.4409, 0.5181,
0.2925

76.1993, 0.3084,
0.3310

16.6510, 0.5565,
0.2966

90.0494, 0.2982,
0.3363

■ 15.6944, 0.5892,
0.3045

■ 93.9506, 0.2917,
0.3289

■ 15.4606, 0.5995,
0.3076

Harmonies

Analogous

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



36.4750, 0.3311, 0.2738



36.4750, 0.3791, 0.3063



36.4750, 0.4086, 0.3453

Triad

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



36.4750, 0.3791, 0.3063



36.4750, 0.3384, 0.4188



36.4750, 0.2238, 0.2655

Complementary

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



36.4750, 0.3791, 0.3063



60.9633, 0.2722, 0.3535

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.



36.4750, 0.2254, 0.3004



36.4750, 0.3791, 0.3063



36.4750, 0.2892, 0.3953

Square

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



36.4750, 0.3791, 0.3063



36.4750, 0.3828, 0.4122



36.4750, 0.2484, 0.3491



36.4750, 0.2432, 0.2501

Rectangle

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



36.4750, 0.3791, 0.3063



36.4750, 0.4125, 0.3714



36.4750, 0.2484, 0.3491



36.4750, 0.2219, 0.2751

Sweetspot

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



36.4767, 0.3791, 0.3063



82.0889, 0.3280, 0.3225



36.2052, 0.2983, 0.2342



17.1376, 0.3301, 0.3216



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.



36.4767, 0.3791, 0.3063



43.7260, 0.4014, 0.3014



42.2494, 0.3915, 0.3533



13.1019, 0.3254, 0.3235



9.0912, 0.5958, 0.3056



0.6024, 0.5493, 0.2799

Inverse Universe

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



36.4767, 0.3791, 0.3063



43.7260, 0.4014, 0.3014



52.0430, 0.2583, 0.3029



13.1019, 0.3254, 0.3235



9.0912, 0.5958, 0.3056



0.6024, 0.5493, 0.2799

Previews

White Background



This preview shows how the Yxy color 36.4750, 0.3791, 0.3063 looks on a white background.

Color Contrast Check

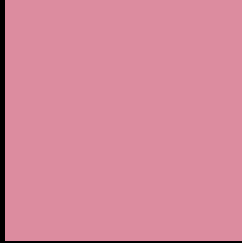
Large Text (above 18pt) WCAG AA × Fail

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 36.4750, 0.3791, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

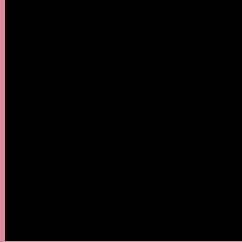
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4750, 0.3791, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 36.4750, 0.3791, 0.3063.



This preview shows how white text looks on a background with the Yxy color 36.4750, 0.3791, 0.3063.

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

36.4750, 0.3791, 0.3063

Protanopia

36.7117, 0.3059, 0.3148

Deuteranopia

36.7991, 0.3383, 0.3318



Tritanopia

36.3768, 0.3856, 0.3159

Trichromacy



Original Color

36.4750, 0.3791, 0.3063

Protanomaly

36.0916, 0.3304, 0.3114

Deuteranomaly

36.3033, 0.3532, 0.3212

Tritanomaly

36.4764, 0.3822, 0.3122

Monochromacy



Original Color

36.4750, 0.3791, 0.3063

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1974, 0.3358, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4750, 0.3791, 0.3063 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(220, 140, 159)` looks like.

```
.text, #text, p{  
  color:rgb(220, 140, 159)  
}
```

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(220, 140, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 140, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.4750, 0.3791, 0.3063 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(220, 140, 159) }
```

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

```
.border{ border-color:rgb(220, 140, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 140, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 140, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 140, 159);  
box-shadow:4px 4px 4px 4px rgb(220, 140,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4750, 0.3791, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 140, 159) }
```

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

```
.background{ background-color: rgb(220,  
140, 159) }
```

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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