

Converting Colors

$Y_{xy}(36.1951, 0.3705, 0.3001)$

Have a look what the booklet for
Yxy(36.1951, 0.3705, 0.3001)
contains.

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Color

Yxy(36.1882, 0.3705, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	D98CA4
RGB	217, 140, 164
RGB Percent	85%, 55%, 64%
CMY	0.1490, 0.4509, 0.3569
CMYK	0.00, 0.35, 0.24, 0.15
HSL	341°, 50%, 70%
HSV	341°, 35%, 85%
XYZ	44.6924, 36.1882, 39.7467
YIQ	165.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

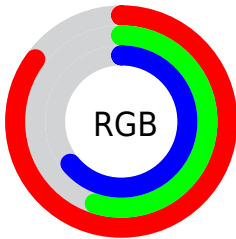
Format	Color
R_{YB}	217, 140, 164
Decimal	14257316
CIE _{Lab}	66.66, 32.50, -0.41
CIE _{LCh}	67, 32.503, 359.271
Yxy	36.1882, 0.3705, 0.3000
Android (android.graphics.Color)	4292447396 (0xFFD98CA4)
YUV	165.7590, -0.8672, 44.9384
Hunter-Lab	60.1566, 27.3397, 2.9355

Details

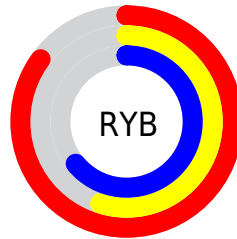
The Yxy color **36.1882, 0.3705, 0.3000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0506, 0.2763, 0.3606**, and the grayscale version is **38.0022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9580, 0.3427, 0.3036**, and **15.7882, 0.3884, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **29.9525, 0.3953, 0.2919**, and if you desaturate by 10%, it is **43.7411, 0.3499, 0.3085**.

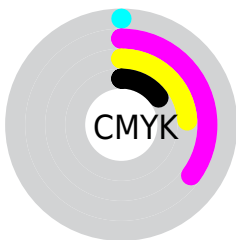
Distribution



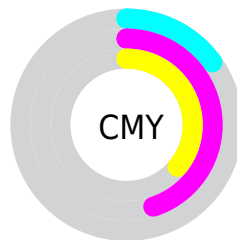
- Red (85%)
- Green (55%)
- Blue (64%)



- Red (85%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1882, 0.3705, 0.3000 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 36.1882, 0.3705, 0.3000 by changing the saturation by 10% instead.


 36.1882, 0.3705,
0.3000


 36.1882, 0.3705,
0.3000


329.7824, 0.3404,
0.3151

 24.5796, 0.3784,
0.2961


 69.3224, 0.3593,
0.3056

 15.7641, 0.3888,
0.2909


 91.6169, 0.3552,
0.3077

 9.3574, 0.4030,
0.2838


 118.2420, 0.3517,
0.3094

 4.9750, 0.4236,
0.2735

149.5823, 0.3488,
0.3109

 2.2326, 0.4562,
0.2574

186.0220, 0.3463,
0.3121

 0.7377, 0.5166,
0.2271

227.9457, 0.3441,


 0.0000, 1.0000,


0.3132


0.0000


275.7377, 0.3421,
0.3142

 0.0000, 0.0000,
0.0000


 36.1882, 0.3705,
0.3000


 36.1882, 0.3705,
0.3000


 29.9525, 0.3953,
0.2919

 43.7411, 0.3499,
0.3085


 24.9529, 0.4244,
0.2850


 52.6760, 0.3330,
0.3169


 21.1071, 0.4575,
0.2802


 63.0594, 0.3192,
0.3248


 18.3207, 0.4932,
0.2788


 74.9523, 0.3079,
0.3323

 16.4841, 0.5289,
0.2819

 88.4118, 0.2987,
0.3392

 15.4632, 0.5614,
0.2897

 93.4032, 0.2907,
0.3303

 15.1635, 0.5748,
0.2940

 93.4911, 0.2900,
0.3289

Harmonies

Analogous

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



36.1882, 0.3215, 0.2697



36.1882, 0.3705, 0.3000



36.1882, 0.4041, 0.3379

Triad

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



36.1882, 0.3705, 0.3000



36.1882, 0.3470, 0.4187



36.1882, 0.2234, 0.2713

Complementary

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



36.1882, 0.3705, 0.3000



59.0506, 0.2763, 0.3606

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.



36.1882, 0.2290, 0.3090



36.1882, 0.3705, 0.3000



36.1882, 0.2982, 0.4008

Square

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



36.1882, 0.3705, 0.3000



36.1882, 0.3886, 0.4074



36.1882, 0.2554, 0.3581



36.1882, 0.2390, 0.2523

Rectangle

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



36.1882, 0.3705, 0.3000



36.1882, 0.4116, 0.3641



36.1882, 0.2554, 0.3581



36.1882, 0.2229, 0.2819

Sweetspot

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



36.1899, 0.3705, 0.3000



82.2088, 0.3266, 0.3204



35.0555, 0.2940, 0.2353



17.1660, 0.3285, 0.3193



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.



36.1899, 0.3705, 0.3000



44.8931, 0.3897, 0.2935



39.7967, 0.3912, 0.3465



13.1180, 0.3243, 0.3217



9.1964, 0.5710, 0.2919



0.6110, 0.5244, 0.2662

Inverse Universe

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



36.1899, 0.3705, 0.3000



44.8931, 0.3897, 0.2935



53.2417, 0.2605, 0.3105



13.1180, 0.3243, 0.3217



9.1964, 0.5710, 0.2919



0.6110, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 36.1882, 0.3705, 0.3000 looks on a white background.

Color Contrast Check

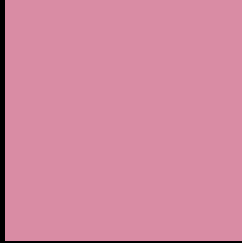
Large Text (above 18pt) WCAG AA × Fail

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 36.1882, 0.3705, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

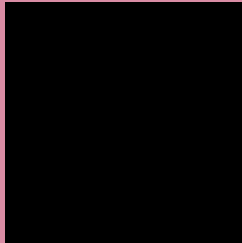
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1882, 0.3705, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 36.1882, 0.3705, 0.3000.



This preview shows how white text looks on a background with the Yxy color 36.1882, 0.3705, 0.3000.

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

36.1882, 0.3705, 0.3000

Protanopia

36.2411, 0.2989, 0.3062

Deuteranopia

36.2709, 0.3307, 0.3235



Tritanopia

36.2448, 0.3810, 0.3157

Trichromacy



Original Color

36.1882, 0.3705, 0.3000

Protanomaly

35.5848, 0.3228, 0.3032

Deuteranomaly

36.0793, 0.3450, 0.3145

Tritanomaly

36.0830, 0.3769, 0.3096

Monochromacy



Original Color

36.1882, 0.3705, 0.3000

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1448, 0.3329, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1882, 0.3705, 0.3000 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(217, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(217, 140, 164)  
}
```

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(217, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 140, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.1882, 0.3705, 0.3000 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(217, 140, 164) }
```

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

```
.border{ border-color:rgb(217, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 140, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 140, 164); box-shadow:4px 4px 4px 4px rgb(217, 140, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1882, 0.3705, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 140, 164) }
```

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

```
.background{ background-color: rgb(217,  
140, 164) }
```

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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