

Converting Colors

$Y_{xy}(36.9083, 0.3634, 0.3040)$

Have a look what the booklet for
Yxy(36.9083, 0.3634, 0.3040)
contains.

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Color

Yxy(36.9645, 0.3629, 0.3044)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D491A5 |
| RGB | 212, 145, 165 |
| RGB Percent | 83%, 57%, 65% |
| CMY | 0.1686, 0.4314, 0.3530 |
| CMYK | 0.00, 0.32, 0.22, 0.17 |
| HSL | 342°, 44%, 70% |
| HSV | 342°, 32%, 83% |
| XYZ | 44.0684, 36.9645, 40.4011 |
| YIQ | 167.3130, 33.5120, 20.4240 |

Conversions

Conversions Part 2

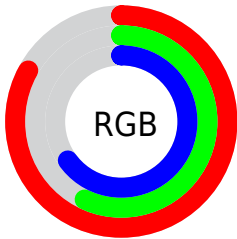
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 212, 145, 165 |
| Decimal | 13930917 |
| CIE Lab | 67.25, 28.15, -0.18 |
| CIE LCh | 67, 28.153, 359.630 |
| Yxy | 36.9645, 0.3629, 0.3044 |
| Android (android.graphics.Color) | 4292120997 (0xFFD491A5) |
| YUV | 167.3130, -1.1403, 39.1905 |
| Hunter-Lab | 60.7984, 22.9845, 3.1602 |

Details

The Yxy color **36.9645, 0.3629, 0.3044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9175, 0.2793, 0.3554**, and the grayscale version is **38.7983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2742, 0.3411, 0.3077**, and **16.2656, 0.3788, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **30.5696, 0.3864, 0.2965**, and if you desaturate by 10%, it is **44.6348, 0.3434, 0.3125**.

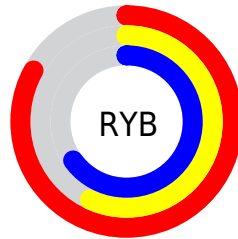
Distribution



Red (83%)

Green (57%)

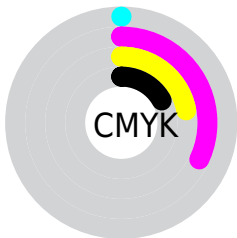
Blue (65%)



Red (83%)

Yellow (57%)

Blue (65%)

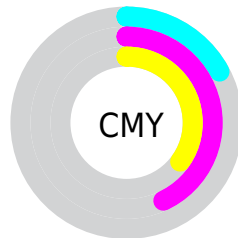


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9645, 0.3629, 0.3044 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 36.9645, 0.3629, 0.3044 by changing the saturation by 10% instead.


 36.9645, 0.3629,
0.3044


 36.9645, 0.3629,
0.3044


333.1568, 0.3369,
0.3172

 25.1800, 0.3697,
0.3011


 70.5182, 0.3532,
0.3092

 16.2112, 0.3787,
0.2967


 93.0562, 0.3496,
0.3109

 9.6737, 0.3909,
0.2907


119.9474, 0.3466,
0.3124

 5.1832, 0.4087,
0.2820

151.5764, 0.3441,
0.3136

 2.3551, 0.4368,
0.2683

188.3274, 0.3419,
0.3147

 0.8027, 0.4877,
0.2434

230.5849, 0.3400,

 0.0000, 1.0000,

0.3156

0.0000

278.7332, 0.3383,
0.3164

0.0000, 0.0000,
0.0000

36.9645, 0.3629,
0.3044

36.9645, 0.3629,
0.3044

30.5696, 0.3864,
0.2965

44.6348, 0.3434,
0.3125

25.3754, 0.4144,
0.2893

53.6396, 0.3275,
0.3204

21.3074, 0.4467,
0.2838

64.0404, 0.3146,
0.3279

18.2805, 0.4824,
0.2812

75.8934, 0.3040,
0.3348

16.1974, 0.5191,
0.2826

89.2517, 0.2954,
0.3411

■ 14.9420, 0.5537,
0.2887

■ 92.6903, 0.2876,
0.3297

■ 14.3594, 0.5792,
0.2964

■ 92.7381, 0.2872,
0.3289

Harmonies

Analogous

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



36.9645, 0.3211, 0.2776



36.9645, 0.3629, 0.3044



36.9645, 0.3913, 0.3378

Triad

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



36.9645, 0.3629, 0.3044



36.9645, 0.3424, 0.4056



36.9645, 0.2350, 0.2792

Complementary

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



36.9645, 0.3629, 0.3044



56.9175, 0.2793, 0.3554

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.



36.9645, 0.2398, 0.3119



36.9645, 0.3629, 0.3044



36.9645, 0.3001, 0.3897

Square

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



36.9645, 0.3629, 0.3044



36.9645, 0.3781, 0.3972



36.9645, 0.2630, 0.3535



36.9645, 0.2489, 0.2623

Rectangle

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



36.9645, 0.3629, 0.3044



36.9645, 0.3977, 0.3606



36.9645, 0.2630, 0.3535



36.9645, 0.2345, 0.2885

Sweetspot

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



36.9662, 0.3629, 0.3044



85.2271, 0.3240, 0.3223



36.2002, 0.2977, 0.2464



17.7669, 0.3260, 0.3212



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.



36.9662, 0.3629, 0.3044



49.3354, 0.3784, 0.2989



40.6346, 0.3793, 0.3459



12.4811, 0.3245, 0.3221



8.8796, 0.5755, 0.2944



0.5501, 0.5257, 0.2669

Inverse Universe

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



36.9662, 0.3629, 0.3044



49.3354, 0.3784, 0.2989



51.4399, 0.2656, 0.3113



12.4811, 0.3245, 0.3221



8.8796, 0.5755, 0.2944



0.5501, 0.5257, 0.2669

Previews

White Background



This preview shows how the Yxy color 36.9645, 0.3629, 0.3044 looks on a white background.

Color Contrast Check

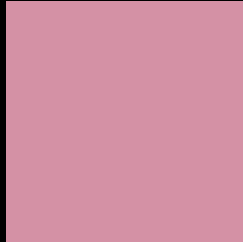
Large Text (above 18pt) WCAG AA × Fail

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 36.9645, 0.3629, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

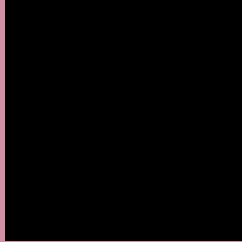
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9645, 0.3629, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 36.9645, 0.3629, 0.3044.



This preview shows how white text looks on a background with the Yxy color 36.9645, 0.3629, 0.3044.

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

36.9645, 0.3629, 0.3044

Protanopia

37.2215, 0.3025, 0.3107

Deuteranopia

37.1082, 0.3305, 0.3249



Tritanopia

36.8410, 0.3701, 0.3154

Trichromacy



Original Color

36.9645, 0.3629, 0.3044

Protanomaly

36.5792, 0.3225, 0.3073

Deuteranomaly

36.9620, 0.3424, 0.3171

Tritanomaly

36.9447, 0.3669, 0.3117

Monochromacy



Original Color

36.9645, 0.3629, 0.3044

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6167, 0.3297, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9645, 0.3629, 0.3044 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(212, 145, 165)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 165)  
}
```

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(212, 145, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 165) }
```

Border

The CSS property to change the border of an element to Yxy 36.9645, 0.3629, 0.3044 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(212, 145, 165) }
```

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

```
.border{ border-color:rgb(212, 145, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 165);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9645, 0.3629, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 165) }
```

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

```
.background{ background-color: rgb(212,  
145, 165) }
```

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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