

Converting Colors

$Y_{xy}(36.2576, 0.3513, 0.2963)$

Have a look what the booklet for
Yxy(36.2576, 0.3513, 0.2963)
contains.

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Color

Yxy(36.4565, 0.3514, 0.2965)

Conversions

Conversions Part 1	
Format	Color
Hex	CF91AB
RGB	207, 145, 171
RGB Percent	81%, 57%, 67%
CMY	0.1883, 0.4313, 0.3294
CMYK	0.00, 0.30, 0.17, 0.19
HSL	335°, 39%, 69%
HSV	335°, 30%, 81%
XYZ	43.2068, 36.4565, 43.2929
YIQ	166.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

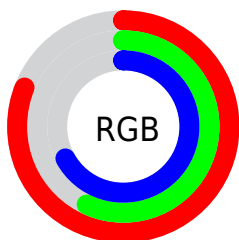
Format	Color
RYB	207, 145, 171
Decimal	13603243
CIELab	66.87, 27.26, -4.19
CIELCh	67, 27.585, 351.258
Yxy	36.4565, 0.3514, 0.2965
Android (android.graphics.Color)	4291793323 (0xFFCF91AB)
YUV	166.5020, 2.2175, 35.5167
Hunter-Lab	60.3792, 22.0693, -0.2464

Details

The Yxy color **36.4565, 0.3514, 0.2965** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9770, 0.2856, 0.3642**, and the grayscale version is **38.3686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5978, 0.3365, 0.3018**, and **16.0127, 0.3637, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **30.2601, 0.3699, 0.2853**, and if you desaturate by 10%, it is **43.8503, 0.3360, 0.3078**.

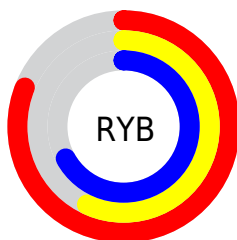
Distribution



Red (81%)

Green (57%)

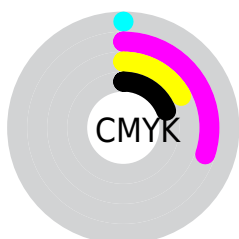
Blue (67%)



Red (81%)

Yellow (57%)

Blue (67%)

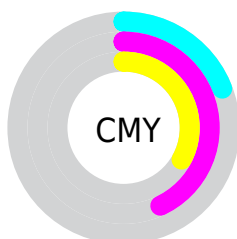


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (19%)



Cyan (19%)

Magenta (43%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4565, 0.3514, 0.2965 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 36.4565, 0.3514, 0.2965 by changing the saturation by 10% instead.


 36.4565, 0.3514,
0.2965


 36.4565, 0.3514,
0.2965


330.9514, 0.3314,
0.3131

 24.7870, 0.3566,
0.2923


 69.7361, 0.3440,
0.3026

 15.9184, 0.3634,
0.2868

 92.1149, 0.3413,
0.3049

 9.4664, 0.3726,
0.2793


118.8323, 0.3390,
0.3068

 5.0467, 0.3860,
0.2687

150.2727, 0.3370,
0.3084

 2.2747, 0.4069,
0.2525

186.8203, 0.3353,
0.3098

 0.7602, 0.4450,
0.2233

228.8598, 0.3339,


 0.0000, 1.0000,


0.3110


0.0000


276.7753, 0.3326,
0.3121


 0.0000, 0.0000,
0.0000

 36.4565, 0.3514,
0.2965


 36.4565, 0.3514,
0.2965


 30.2601, 0.3699,
0.2853


 43.8503, 0.3360,
0.3078


 25.1924, 0.3917,
0.2748


 52.4955, 0.3232,
0.3187


 21.1853, 0.4168,
0.2661


 62.4487, 0.3127,
0.3291

 18.1612, 0.4447,
0.2602


 73.7617, 0.3040,
0.3387


 16.0319, 0.4743,
0.2586


 86.4835, 0.2969,
0.3476

 14.6928, 0.5037,
0.2621

 91.2612, 0.2906,
0.3414

 13.9530, 0.5315,
0.2702

 92.0039, 0.2844,
0.3289

 13.9494, 0.5316,
0.2702

Harmonies

Analogous

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



36.4565, 0.3090, 0.2728



36.4565, 0.3514, 0.2965



36.4565, 0.3843, 0.3282

Triad

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



36.4565, 0.3514, 0.2965



36.4565, 0.3529, 0.4043



36.4565, 0.2356, 0.2875

Complementary

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



36.4565, 0.3514, 0.2965



53.9770, 0.2856, 0.3642

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.



36.4565, 0.2456, 0.3233



36.4565, 0.3514, 0.2965



36.4565, 0.3120, 0.3954

Square

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



36.4565, 0.3514, 0.2965



36.4565, 0.3843, 0.3904



36.4565, 0.2729, 0.3643



36.4565, 0.2442, 0.2662

Rectangle

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



36.4565, 0.3514, 0.2965



36.4565, 0.3951, 0.3509



36.4565, 0.2729, 0.3643



36.4565, 0.2368, 0.2981

Sweetspot

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



36.4582, 0.3514, 0.2965



85.3929, 0.3222, 0.3196



34.4771, 0.2910, 0.2493



17.8076, 0.3239, 0.3180



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.



36.4582, 0.3514, 0.2965



51.7761, 0.3630, 0.2892



36.8481, 0.3777, 0.3345



11.8894, 0.3226, 0.3193



8.8077, 0.5281, 0.2683



0.5082, 0.4810, 0.2423

Inverse Universe

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



36.4582, 0.3514, 0.2965



51.7761, 0.3630, 0.2892



53.1698, 0.2693, 0.3234



11.8894, 0.3226, 0.3193



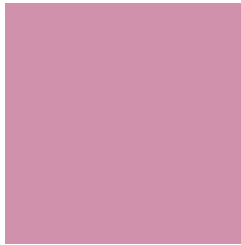
8.8077, 0.5281, 0.2683



0.5082, 0.4810, 0.2423

Previews

White Background



This preview shows how the Yxy color 36.4565, 0.3514, 0.2965 looks on a white background.

Color Contrast Check

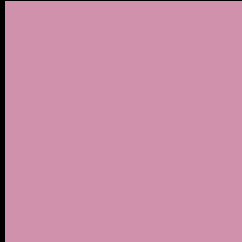
Large Text (above 18pt) WCAG AA × Fail

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 36.4565, 0.3514, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

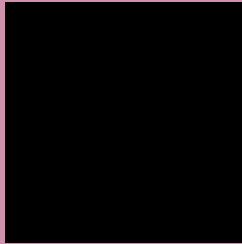
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4565, 0.3514, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 36.4565, 0.3514, 0.2965.



This preview shows how white text looks on a background with the Yxy color 36.4565, 0.3514, 0.2965.

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

36.4565, 0.3514, 0.2965

Protanopia

36.7539, 0.2956, 0.3022

Deuteranopia

36.5484, 0.3202, 0.3138



Tritanopia

36.4579, 0.3636, 0.3151

Trichromacy



Original Color

36.4565, 0.3514, 0.2965



Protanomaly

36.4162, 0.3150, 0.3004



Deuteranomaly

36.2495, 0.3307, 0.3063



Tritanomaly

36.3239, 0.3585, 0.3076

Monochromacy



Original Color

36.4565, 0.3514, 0.2965



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.5685, 0.3268, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4565, 0.3514, 0.2965 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(207, 145, 171) looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 171)  
}
```

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(207, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 171) }
```

Border

The CSS property to change the border of an element to Yxy 36.4565, 0.3514, 0.2965 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(207, 145, 171) }
```

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

```
.border{ border-color:rgb(207, 145, 171) }
```

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

Here you see how a box with a 4 pixel rgb(207, 145, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4565, 0.3514, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 171) }
```

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

```
.background{ background-color: rgb(207,  
145, 171) }
```

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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