

Converting Colors

$Yxy(36.2542, 0.3605, 0.3096)$

Have a look what the booklet for
Yxy(36.2542, 0.3605, 0.3096)
contains.

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Color

Yxy(36.2528, 0.3607, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	CE92A1
RGB	206, 146, 161
RGB Percent	81%, 57%, 63%
CMY	0.1921, 0.4275, 0.3687
CMYK	0.00, 0.29, 0.22, 0.19
HSL	345°, 38%, 69%
HSV	345°, 29%, 81%
XYZ	42.1683, 36.2528, 38.4857
YIQ	165.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

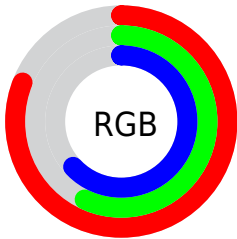
Format	Color
R _{YB}	206, 146, 161
Decimal	13537953
CIE Lab	66.71, 24.83, 1.20
CIE LCh	67, 24.855, 2.765
Yxy	36.2528, 0.3607, 0.3101
Android (android.graphics.Color)	4291728033 (0xFFCE92A1)
YUV	165.6500, -2.2924, 35.3870
Hunter-Lab	60.2103, 19.6445, 4.2497

Details

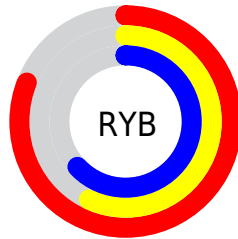
The Yxy color **36.2528, 0.3607, 0.3101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0258, 0.2799, 0.3490**, and the grayscale version is **37.9565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5264, 0.3441, 0.3128**, and **15.8895, 0.3758, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **29.9530, 0.3848, 0.3034**, and if you desaturate by 10%, it is **43.7679, 0.3409, 0.3169**.

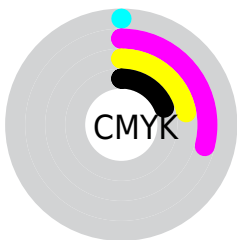
Distribution



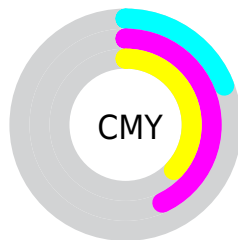
- Red (81%)
- Green (57%)
- Blue (63%)



- Red (81%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (19%)




- Cyan (19%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2528, 0.3607, 0.3101 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 36.2528, 0.3607, 0.3101 by changing the saturation by 10% instead.

 36.2528, 0.3607,
0.3101


 36.2528, 0.3607,
0.3101


330.0641, 0.3357,
0.3201

 24.6295, 0.3673,
0.3074


 69.4221, 0.3513,
0.3138

 15.8012, 0.3760,
0.3039

 91.7368, 0.3479,
0.3152

 9.3836, 0.3880,
0.2991

118.3842, 0.3450,
0.3163

 4.9922, 0.4055,
0.2919

149.7486, 0.3426,
0.3173

 2.2427, 0.4335,
0.2804

186.2144, 0.3405,
0.3181

 0.7431, 0.4891,
0.2586

228.1660, 0.3387,

 0.0000, 1.0000,

0.3189

0.0000

275.9878, 0.3371,
0.3195

0.0000, 0.0000,
0.0000

36.2528, 0.3607,
0.3101

36.2528, 0.3607,
0.3101

29.9530, 0.3848,
0.3034

43.7679, 0.3409,
0.3169

24.7995, 0.4138,
0.2972

52.5524, 0.3248,
0.3234

20.7240, 0.4475,
0.2924

62.6634, 0.3117,
0.3295

17.6492, 0.4851,
0.2899

74.1529, 0.3011,
0.3352

15.4868, 0.5242,
0.2909

87.0700, 0.2924,
0.3403

■ 14.1336, 0.5612,
0.2959

■ 91.7832, 0.2845,
0.3302

■ 13.4184, 0.5923,
0.3043

■ 91.8646, 0.2838,
0.3289

■ 13.3675, 0.5948,
0.3050

Harmonies

Analogous

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



36.2528, 0.3244, 0.2850



36.2528, 0.3607, 0.3101



36.2528, 0.3840, 0.3405

Triad

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



36.2528, 0.3607, 0.3101



36.2528, 0.3356, 0.3962



36.2528, 0.2436, 0.2825

Complementary

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



36.2528, 0.3607, 0.3101



54.0258, 0.2799, 0.3490

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.



36.2528, 0.2463, 0.3106



36.2528, 0.3607, 0.3101



36.2528, 0.2979, 0.3798

Square

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



36.2528, 0.3607, 0.3101



36.2528, 0.3684, 0.3915



36.2528, 0.2656, 0.3470



36.2528, 0.2579, 0.2687

Rectangle

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



36.2528, 0.3607, 0.3101



36.2528, 0.3882, 0.3608



36.2528, 0.2656, 0.3470



36.2528, 0.2426, 0.2904

Sweetspot

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



36.2545, 0.3607, 0.3101



85.1615, 0.3247, 0.3234



36.0926, 0.3019, 0.2540



17.7508, 0.3269, 0.3225



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.



36.2545, 0.3607, 0.3101



52.0740, 0.3754, 0.3058



40.6908, 0.3714, 0.3482



11.2589, 0.3251, 0.3232



8.2428, 0.5912, 0.3030



0.4378, 0.5340, 0.2716

Inverse Universe

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



36.2545, 0.3607, 0.3101



52.0740, 0.3754, 0.3058



47.8358, 0.2687, 0.3088



11.2589, 0.3251, 0.3232



8.2428, 0.5912, 0.3030



0.4378, 0.5340, 0.2716

Previews

White Background



This preview shows how the Yxy color 36.2528, 0.3607, 0.3101 looks on a white background.

Color Contrast Check

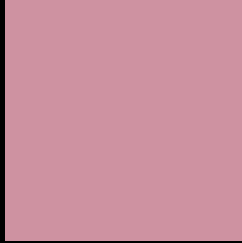
Large Text (above 18pt) WCAG AA × Fail

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 36.2528, 0.3607, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

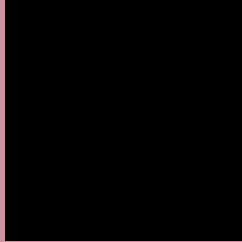
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2528, 0.3607, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 36.2528, 0.3607, 0.3101.



This preview shows how white text looks on a background with the Yxy color 36.2528, 0.3607, 0.3101.

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

36.2528, 0.3607, 0.3101

Protanopia

36.5295, 0.3067, 0.3176

Deuteranopia

36.3204, 0.3336, 0.3263



Tritanopia

36.4579, 0.3636, 0.3151

Trichromacy



Original Color

36.2528, 0.3607, 0.3101

Protanomaly

36.1507, 0.3252, 0.3139

Deuteranomaly

36.1393, 0.3425, 0.3197

Tritanomaly

36.4925, 0.3625, 0.3139

Monochromacy



Original Color

36.2528, 0.3607, 0.3101

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3004, 0.3296, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2528, 0.3607, 0.3101 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(206, 146, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 161)  
}
```

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(206, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.2528, 0.3607, 0.3101 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(206, 146, 161) }
```

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

```
.border{ border-color:rgb(206, 146, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2528, 0.3607, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 161) }
```

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

```
.background{ background-color: rgb(206,  
146, 161) }
```

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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