

Converting Colors

$Yxy(36.7630, 0.3678, 0.3091)$

Have a look what the booklet for
Yxy(36.7630, 0.3678, 0.3091)
contains.

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Color

Yxy(36.8211, 0.3671, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	D491A1
RGB	212, 145, 161
RGB Percent	83%, 57%, 63%
CMY	0.1688, 0.4313, 0.3686
CMYK	0.00, 0.32, 0.24, 0.17
HSL	346°, 44%, 70%
HSV	346°, 32%, 83%
XYZ	43.7020, 36.8211, 38.5235
YIQ	166.8570, 34.7960, 19.1800

Conversions

Conversions Part 2

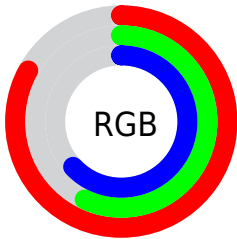
Format	Color
R _Y B	212, 145, 161
Decimal	13930913
CIE Lab	67.14, 27.54, 1.89
CIE LCh	67, 27.606, 3.935
Yxy	36.8211, 0.3671, 0.3093
Android (android.graphics.Color)	4292120993 (0xFFD491A1)
YUV	166.8570, -2.8875, 39.5904
Hunter-Lab	60.6804, 22.3649, 4.8355

Details

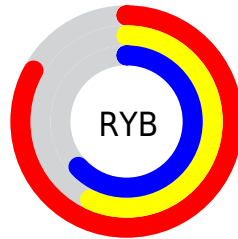
The Yxy color **36.8211, 0.3671, 0.3093** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0749, 0.2770, 0.3499**, and the grayscale version is **38.5728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0647, 0.3442, 0.3117**, and **16.1991, 0.3835, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **30.4038, 0.3929, 0.3030**, and if you desaturate by 10%, it is **44.5238, 0.3459, 0.3158**.

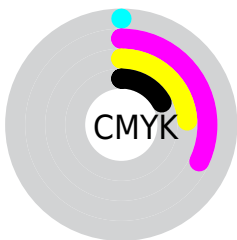
Distribution



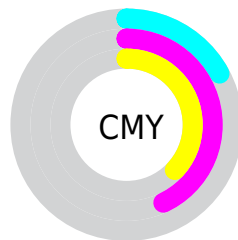
- Red (83%)
- Green (57%)
- Blue (63%)



- Red (83%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8211, 0.3671, 0.3093 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 36.8211, 0.3671, 0.3093 by changing the saturation by 10% instead.


 36.8211, 0.3671,
0.3093


 36.8211, 0.3671,
0.3093


332.5353, 0.3388,
0.3197

 25.0690, 0.3746,
0.3065


 70.2976, 0.3565,
0.3132

 16.1285, 0.3844,
0.3028


 92.7907, 0.3526,
0.3146

 9.6151, 0.3978,
0.2977


119.6330, 0.3494,
0.3158

 5.1445, 0.4174,
0.2902

151.2088, 0.3466,
0.3168

 2.3323, 0.4484,
0.2780

187.9026, 0.3443,
0.3177

 0.7907, 0.5080,
0.2561

230.0986, 0.3422,

 0.0000, 1.0000,

0.3185

0.0000

278.1814, 0.3404,
0.3191

0.0000, 0.0000,
0.0000

36.8211, 0.3671,
0.3093

36.8211, 0.3671,
0.3093

30.4038, 0.3929,
0.3030

44.5238, 0.3459,
0.3158

25.1966, 0.4236,
0.2973

53.5715, 0.3287,
0.3221

21.1244, 0.4591,
0.2932

64.0263, 0.3147,
0.3281

18.1013, 0.4980,
0.2917

75.9449, 0.3033,
0.3336

16.0293, 0.5376,
0.2938

89.3807, 0.2941,
0.3387

■ 14.7915, 0.5735,
0.2999

■ 92.7315, 0.2871,
0.3289

■ 14.2270, 0.5986,
0.3071

Harmonies

Analogous

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



36.8211, 0.3272, 0.2816



36.8211, 0.3671, 0.3093



36.8211, 0.3922, 0.3426

Triad

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



36.8211, 0.3671, 0.3093



36.8211, 0.3361, 0.4034



36.8211, 0.2372, 0.2767

Complementary

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



36.8211, 0.3671, 0.3093



57.0749, 0.2770, 0.3499

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.



36.8211, 0.2392, 0.3069



36.8211, 0.3671, 0.3093



36.8211, 0.2946, 0.3844

Square

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



36.8211, 0.3671, 0.3093



36.8211, 0.3728, 0.3985



36.8211, 0.2596, 0.3472



36.8211, 0.2534, 0.2624

Rectangle

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



36.8211, 0.3671, 0.3093



36.8211, 0.3961, 0.3648



36.8211, 0.2596, 0.3472



36.8211, 0.2358, 0.2851

Sweetspot

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



36.8228, 0.3671, 0.3093



85.1468, 0.3249, 0.3237



36.6420, 0.3008, 0.2472



17.7472, 0.3271, 0.3228



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.



36.8228, 0.3671, 0.3093



49.0936, 0.3842, 0.3049



41.7922, 0.3780, 0.3500



12.4689, 0.3254, 0.3235



8.7997, 0.5951, 0.3052



0.5439, 0.5454, 0.2778

Inverse Universe

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



36.8228, 0.3671, 0.3093



49.0936, 0.3842, 0.3049



49.9059, 0.2651, 0.3068



12.4689, 0.3254, 0.3235



8.7997, 0.5951, 0.3052



0.5439, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 36.8211, 0.3671, 0.3093 looks on a white background.

Color Contrast Check

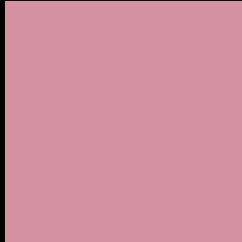
Large Text (above 18pt) WCAG AA × Fail

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 36.8211, 0.3671, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

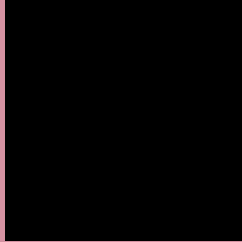
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8211, 0.3671, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 36.8211, 0.3671, 0.3093.



This preview shows how white text looks on a background with the Yxy color 36.8211, 0.3671, 0.3093.

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

36.8211, 0.3671, 0.3093

Protanopia

37.1340, 0.3077, 0.3177

Deuteranopia

36.9020, 0.3355, 0.3277



Tritanopia

36.9891, 0.3711, 0.3155

Trichromacy



Original Color

36.8211, 0.3671, 0.3093

Protanomaly

36.5120, 0.3282, 0.3140

Deuteranomaly

36.6580, 0.3466, 0.3198

Tritanomaly

37.0234, 0.3701, 0.3142

Monochromacy



Original Color

36.8211, 0.3671, 0.3093

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5802, 0.3306, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8211, 0.3671, 0.3093 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 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(212, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.8211, 0.3671, 0.3093 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, 161) }
```

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

```
.border{ border-color:rgb(212, 145, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8211, 0.3671, 0.3093 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, 161) }
```

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

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