

Converting Colors

Yxy(36.6653, 0.3607, 0.2928)

Have a look what the booklet for
Yxy(36.6653, 0.3607, 0.2928)
contains.

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Color

Yxy(36.5890, 0.3616, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	D88DAB
RGB	216, 141, 171
RGB Percent	85%, 55%, 67%
CMY	0.1528, 0.4471, 0.3294
CMYK	0.00, 0.35, 0.21, 0.15
HSL	336°, 49%, 70%
HSV	336°, 35%, 85%
XYZ	45.2019, 36.5890, 43.2143
YIQ	166.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

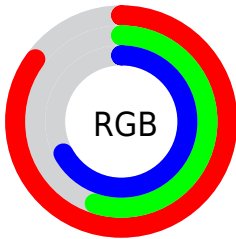
Format	Color
R _Y B	216, 141, 171
Decimal	14192043
CIE Lab	66.97, 32.66, -3.93
CIE LCh	67, 32.897, 353.138
Yxy	36.5890, 0.3616, 0.2927
Android (android.graphics.Color)	4292382123 (0xFFD88DAB)
YUV	166.8450, 2.0484, 43.1089
Hunter-Lab	60.4888, 27.5333, -0.0156

Details

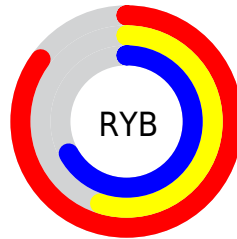
The Yxy color **36.5890, 0.3616, 0.2927** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3341, 0.2809, 0.3689**, and the grayscale version is **38.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7812, 0.3370, 0.2977**, and **15.9502, 0.3771, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **30.3596, 0.3825, 0.2822**, and if you desaturate by 10%, it is **44.1127, 0.3441, 0.3035**.

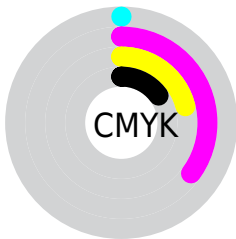
Distribution



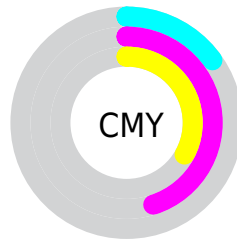
- Red (85%)
- Green (55%)
- Blue (67%)



- Red (85%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5890, 0.3616, 0.2927 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 36.5890, 0.3616, 0.2927 by changing the saturation by 10% instead.

 36.5890, 0.3616,
0.2927


 36.5890, 0.3616,
0.2927


331.5277, 0.3364,
0.3112


 24.8894, 0.3681,
0.2880

 69.9402, 0.3523,
0.2995

 15.9947, 0.3767,
0.2819


 92.3606, 0.3488,
0.3020

 9.5204, 0.3884,
0.2736


 119.1235, 0.3459,
0.3042

 5.0821, 0.4052,
0.2619

150.6131, 0.3434,
0.3060

 2.2955, 0.4314,
0.2440

187.2140, 0.3413,
0.3076

 0.7713, 0.4781,
0.2125

229.3104, 0.3395,

 0.0000, 1.0000,

0.3089

0.0000

277.2869, 0.3378,
0.3101

0.0000, 0.0000,
0.0000

36.5890, 0.3616,
0.2927

36.5890, 0.3616,
0.2927

30.3596, 0.3825,
0.2822

44.1127, 0.3441,
0.3035

25.3455, 0.4070,
0.2729

52.9936, 0.3295,
0.3142

21.4668, 0.4347,
0.2659


63.2965, 0.3176,
0.3244

18.6320, 0.4649,
0.2624

75.0808, 0.3078,
0.3339


16.7348, 0.4959,
0.2636

88.4023, 0.2998,
0.3427

 15.6463, 0.5256,
0.2702

 92.9487, 0.2928,
0.3353

 15.2824, 0.5403,
0.2750

 93.3435, 0.2894,
0.3289

Harmonies

Analogous

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



36.5890, 0.3111, 0.2645



36.5890, 0.3616, 0.2927



36.5890, 0.3999, 0.3298

Triad

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



36.5890, 0.3616, 0.2927



36.5890, 0.3569, 0.4193



36.5890, 0.2221, 0.2771

Complementary

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



36.5890, 0.3616, 0.2927



58.3341, 0.2809, 0.3689

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.



36.5890, 0.2322, 0.3184



36.5890, 0.3616, 0.2927



36.5890, 0.3080, 0.4076

Square

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



36.5890, 0.3616, 0.2927



36.5890, 0.3956, 0.4028



36.5890, 0.2627, 0.3684



36.5890, 0.2335, 0.2540

Rectangle

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



36.5890, 0.3616, 0.2927



36.5890, 0.4115, 0.3563



36.5890, 0.2627, 0.3684



36.5890, 0.2231, 0.2891

Sweetspot

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



36.5907, 0.3616, 0.2927



83.8493, 0.3237, 0.3190



34.2907, 0.2877, 0.2356



17.4987, 0.3254, 0.3176



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.



36.5907, 0.3616, 0.2927



46.1591, 0.3773, 0.2846



37.4691, 0.3921, 0.3369



12.5023, 0.3229, 0.3197



9.0628, 0.5364, 0.2728



0.5627, 0.4907, 0.2477

Inverse Universe

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



36.5907, 0.3616, 0.2927



46.1591, 0.3773, 0.2846



56.6040, 0.2628, 0.3208



12.5023, 0.3229, 0.3197



9.0628, 0.5364, 0.2728



0.5627, 0.4907, 0.2477

Previews

White Background



This preview shows how the Yxy color 36.5890, 0.3616, 0.2927 looks on a white background.

Color Contrast Check

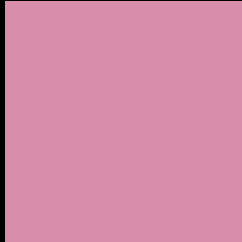
Large Text (above 18pt) WCAG AA × Fail

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 36.5890, 0.3616, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

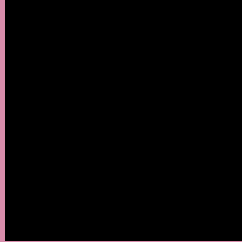
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5890, 0.3616, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 36.5890, 0.3616, 0.2927.



This preview shows how white text looks on a background with the Yxy color 36.5890, 0.3616, 0.2927.

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

36.5890, 0.3616, 0.2927

Protanopia

36.7749, 0.2923, 0.2980

Deuteranopia

36.6280, 0.3221, 0.3152



Tritanopia

36.6092, 0.3760, 0.3156

Trichromacy



Original Color

36.5890, 0.3616, 0.2927

Protanomaly

36.0692, 0.3153, 0.2953

Deuteranomaly

36.3974, 0.3358, 0.3065

Tritanomaly

36.6652, 0.3708, 0.3071

Monochromacy



Original Color

36.5890, 0.3616, 0.2927

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5952, 0.3299, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5890, 0.3616, 0.2927 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(216, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 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(216, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 171) }
```

Border

The CSS property to change the border of an element to Yxy 36.5890, 0.3616, 0.2927 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(216, 141, 171) }
```

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

```
.border{ border-color:rgb(216, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5890, 0.3616, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 171) }
```

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

```
.background{ background-color: rgb(216,  
141, 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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