

Converting Colors

$Y_{xy}(36.0369, 0.3675, 0.2898)$

Have a look what the booklet for
Yxy(36.0369, 0.3675, 0.2898)
contains.

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Color

Yxy(36.0092, 0.3678, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	DC89AA
RGB	220, 137, 170
RGB Percent	86%, 54%, 67%
CMY	0.1372, 0.4627, 0.3333
CMYK	0.00, 0.38, 0.23, 0.14
HSL	336°, 54%, 70%
HSV	336°, 38%, 86%
XYZ	45.7169, 36.0092, 42.5721
YIQ	165.5790, 38.8750, 27.8590

Conversions

Conversions Part 2

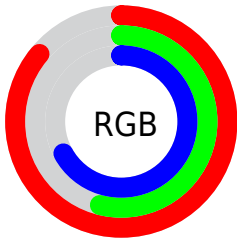
Format	Color
R _Y B	220, 137, 170
Decimal	14453162
CIE Lab	66.53, 36.04, -3.96
CIE LCh	67, 36.254, 353.731
Yxy	36.0092, 0.3678, 0.2897
Android (android.graphics.Color)	4292643242 (0xFFDC89AA)
YUV	165.5790, 2.1796, 47.7272
Hunter-Lab	60.0077, 30.9770, -0.0576

Details

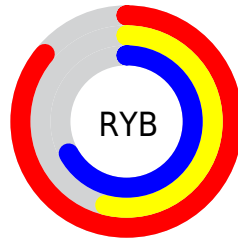
The Yxy color **36.0092, 0.3678, 0.2897** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.0939, 0.2784, 0.3727**, and the grayscale version is **37.8959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3955, 0.3382, 0.2956**, and **15.5915, 0.3846, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **29.9041, 0.3899, 0.2795**, and if you desaturate by 10%, it is **43.4434, 0.3492, 0.3004**.

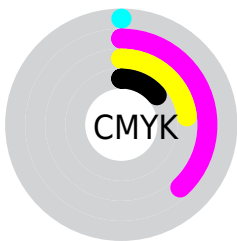
Distribution



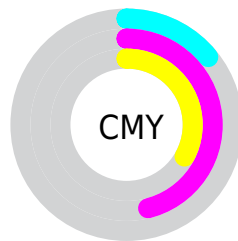
- Red (86%)
- Green (54%)
- Blue (67%)



- Red (86%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0092, 0.3678, 0.2897 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 36.0092, 0.3678, 0.2897 by changing the saturation by 10% instead.


 36.0092, 0.3678,
0.2897


 36.0092, 0.3678,
0.2897


329.0008, 0.3393,
0.3098

 24.4413, 0.3752,
0.2846


 69.0463, 0.3572,
0.2971

 15.6613, 0.3849,
0.2779


 91.2842, 0.3533,
0.2998

 9.2848, 0.3981,
0.2689


 117.8477, 0.3501,
0.3021

 4.9274, 0.4172,
0.2562

149.1210, 0.3473,
0.3041

 2.2047, 0.4470,
0.2367

185.4885, 0.3449,
0.3058

 0.7226, 0.5007,
0.2016

227.3347, 0.3428,

 0.0000, 1.0000,

0.3073

0.0000

275.0440, 0.3409,
0.3086

0.0000, 0.0000,
0.0000

36.0092, 0.3678,
0.2897

36.0092, 0.3678,
0.2897

29.9041, 0.3899,
0.2795

43.4434, 0.3492,
0.3004

25.0436, 0.4156,
0.2709

52.2744, 0.3337,
0.3112

21.3411, 0.4444,
0.2648

62.5715, 0.3210,
0.3215

18.6970, 0.4752,
0.2627

74.3977, 0.3105,
0.3311

16.9940, 0.5062,
0.2656

87.8125, 0.3020,
0.3401

■ 16.0709, 0.5352,
0.2736

■ 93.6080, 0.2947,
0.3345

■ 15.9117, 0.5416,
0.2757

■ 93.9559, 0.2917,
0.3289

Harmonies

Analogous

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



36.0092, 0.3118, 0.2588



36.0092, 0.3678, 0.2897



36.0092, 0.4100, 0.3301

Triad

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



36.0092, 0.3678, 0.2897



36.0092, 0.3599, 0.4294



36.0092, 0.2134, 0.2706

Complementary

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



36.0092, 0.3678, 0.2897



60.0939, 0.2784, 0.3727

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.



36.0092, 0.2237, 0.3157



36.0092, 0.3678, 0.2897



36.0092, 0.3060, 0.4163

Square

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



36.0092, 0.3678, 0.2897



36.0092, 0.4034, 0.4105



36.0092, 0.2564, 0.3717



36.0092, 0.2262, 0.2462

Rectangle

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



36.0092, 0.3678, 0.2897



36.0092, 0.4223, 0.3590



36.0092, 0.2564, 0.3717



36.0092, 0.2142, 0.2835

Sweetspot

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



36.0109, 0.3678, 0.2897



82.3499, 0.3250, 0.3181



33.6000, 0.2861, 0.2272



17.1995, 0.3267, 0.3166



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.



36.0109, 0.3678, 0.2897



43.6291, 0.3844, 0.2818



37.3661, 0.4014, 0.3393



13.1369, 0.3230, 0.3197



9.3588, 0.5377, 0.2736



0.6230, 0.4944, 0.2497

Inverse Universe

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



36.0109, 0.3678, 0.2897



43.6291, 0.3844, 0.2818



57.4241, 0.2588, 0.3182



13.1369, 0.3230, 0.3197



9.3588, 0.5377, 0.2736



0.6230, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 36.0092, 0.3678, 0.2897 looks on a white background.

Color Contrast Check

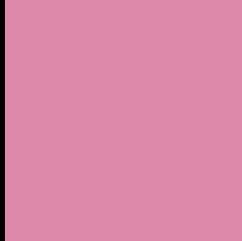
Large Text (above 18pt) WCAG AA × Fail

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 36.0092, 0.3678, 0.2897 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 36.0092, 0.3678, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 36.0092, 0.3678, 0.2897.



This preview shows how white text looks on a background with the Yxy color 36.0092, 0.3678, 0.2897.

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

36.0092, 0.3678, 0.2897

Protanopia

36.2616, 0.2897, 0.2951

Deuteranopia

36.0972, 0.3231, 0.3165



Tritanopia

35.8960, 0.3860, 0.3158

Trichromacy



Original Color

36.0092, 0.3678, 0.2897

Protanomaly

35.5755, 0.3155, 0.2913

Deuteranomaly

35.8092, 0.3392, 0.3066

Tritanomaly

35.9939, 0.3795, 0.3062

Monochromacy



Original Color

36.0092, 0.3678, 0.2897

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.6718, 0.3323, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0092, 0.3678, 0.2897 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(220, 137, 170)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 170)  
}
```

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(220, 137, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 170) }
```

Border

The CSS property to change the border of an element to Yxy 36.0092, 0.3678, 0.2897 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(220, 137, 170) }
```

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

```
.border{ border-color:rgb(220, 137, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 170);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0092, 0.3678, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 170) }
```

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

```
.background{ background-color: rgb(220,  
137, 170) }
```

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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