

Converting Colors

$Y_{xy}(36.8616, 0.3470, 0.2753)$

Have a look what the booklet for
Yxy(36.8616, 0.3470, 0.2753)
contains.

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Color

Yxy(36.8579, 0.3470, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	D88CB9
RGB	216, 140, 185
RGB Percent	85%, 55%, 73%
CMY	0.1529, 0.4510, 0.2745
CMYK	0.00, 0.35, 0.14, 0.15
HSL	324°, 49%, 70%
HSV	324°, 35%, 85%
XYZ	46.4573, 36.8579, 50.5675
YIQ	167.8540, 30.8510, 30.1070

Conversions

Conversions Part 2

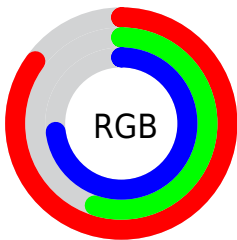
Format	Color
R _{YB}	216, 140, 185
Decimal	14191801
CIE _{Lab}	67.17, 35.37, -11.48
CIE _{LCh}	67, 37.185, 342.010
Yxy	36.8579, 0.3470, 0.2753
Android (android.graphics.Color)	4292381881 (0xFFD88CB9)
YUV	167.8540, 8.4530, 42.2240
Hunter-Lab	60.7107, 30.3487, -6.8866

Details

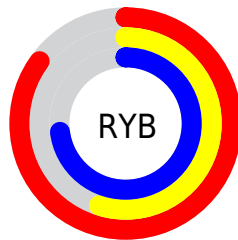
The Yxy color **36.8579, 0.3470, 0.2753** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6347, 0.2891, 0.3900**, and the grayscale version is **39.0301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6411, 0.3257, 0.2832**, and **16.1190, 0.3570, 0.2598** is the 20% darker color. If you saturate the color by 10%, you get **30.7938, 0.3608, 0.2602**, and if you desaturate by 10%, it is **44.1876, 0.3351, 0.2910**.

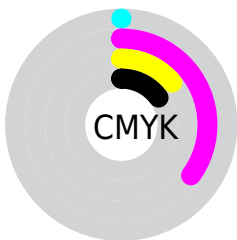
Distribution



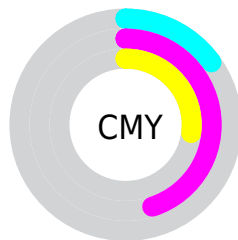
- Red (85%)
- Green (55%)
- Blue (73%)



- Red (85%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8579, 0.3470, 0.2753 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 36.8579, 0.3470, 0.2753 by changing the saturation by 10% instead.

 36.8579, 0.3470,
0.2753


 36.8579, 0.3470,
0.2753


332.6949, 0.3298,
0.3020


 25.0975, 0.3513,
0.2687


 70.3542, 0.3407,
0.2849

 16.1497, 0.3569,
0.2603


 92.8588, 0.3384,
0.2886

 9.6301, 0.3643,
0.2492


 119.7137, 0.3364,
0.2917

 5.1544, 0.3746,
0.2338

151.3032, 0.3347,
0.2943

 2.3382, 0.3900,
0.2114

188.0116, 0.3332,
0.2966

 0.7938, 0.4155,
0.1754

230.2235, 0.3319,

 0.0000, 0.5505,

0.2986

0.0000

278.3231, 0.3308,
0.3004

0.0000, 0.0000,
0.0000

36.8579, 0.3470,
0.2753

36.8579, 0.3470,
0.2753

30.7938, 0.3608,
0.2602

44.1876, 0.3351,
0.2910

25.9168, 0.3764,
0.2464

52.8449, 0.3250,
0.3065

22.1479, 0.3938,
0.2352


62.8943, 0.3166,
0.3215

19.3959, 0.4123,
0.2278


74.3941, 0.3095,
0.3357

17.5551, 0.4314,
0.2251


87.3995, 0.3036,
0.3489

 16.4963, 0.4501,
0.2277

 92.2868, 0.2986,
0.3467

 16.1569, 0.4590,
0.2302

 92.8171, 0.2939,
0.3375

 93.3411, 0.2894,
0.3289

Harmonies

Analogous

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



36.8579, 0.2899, 0.2494



36.8579, 0.3470, 0.2753



36.8579, 0.3979, 0.3133

Triad

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



36.8579, 0.3470, 0.2753



36.8579, 0.3800, 0.4268



36.8579, 0.2131, 0.2851

Complementary

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



36.8579, 0.3470, 0.2753



57.6347, 0.2891, 0.3900

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.



36.8579, 0.2326, 0.3373



36.8579, 0.3470, 0.2753



36.8579, 0.3275, 0.4276

Square

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



36.8579, 0.3470, 0.2753



36.8579, 0.4162, 0.3984



36.8579, 0.2736, 0.3931



36.8579, 0.2170, 0.2518

Rectangle

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



36.8579, 0.3470, 0.2753



36.8579, 0.4188, 0.3421



36.8579, 0.2736, 0.3931



36.8579, 0.2170, 0.3009

Sweetspot

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



36.8596, 0.3470, 0.2753



82.6757, 0.3214, 0.3128



32.3053, 0.2747, 0.2309



17.2771, 0.3226, 0.3107



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.



36.8596, 0.3470, 0.2753



47.1273, 0.3567, 0.2643



35.4820, 0.3878, 0.3199



12.5430, 0.3200, 0.3153



9.5838, 0.4563, 0.2287



0.5943, 0.4267, 0.2124

Inverse Universe

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



36.8596, 0.3470, 0.2753



47.1273, 0.3567, 0.2643



59.2686, 0.2675, 0.3387



12.5430, 0.3200, 0.3153



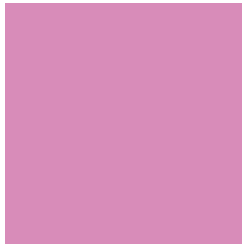
9.5838, 0.4563, 0.2287



0.5943, 0.4267, 0.2124

Previews

White Background



This preview shows how the Yxy color 36.8579, 0.3470, 0.2753 looks on a white background.

Color Contrast Check

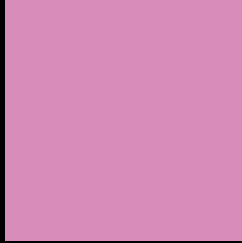
Large Text (above 18pt) WCAG AA × Fail

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 36.8579, 0.3470, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

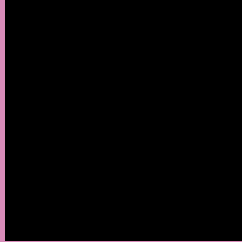
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8579, 0.3470, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 36.8579, 0.3470, 0.2753.



This preview shows how white text looks on a background with the Yxy color 36.8579, 0.3470, 0.2753.

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

36.8579, 0.3470, 0.2753

Protanopia

36.9794, 0.2758, 0.2766

Deuteranopia

36.9031, 0.3057, 0.2988



Tritanopia

36.7972, 0.3736, 0.3155

Trichromacy



Original Color

36.8579, 0.3470, 0.2753

Protanomaly

36.3984, 0.2984, 0.2747

Deuteranomaly

36.5252, 0.3204, 0.2896

Tritanomaly

36.7311, 0.3633, 0.2997

Monochromacy



Original Color

36.8579, 0.3470, 0.2753

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8240, 0.3243, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8579, 0.3470, 0.2753 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, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(216, 140, 185)  
}
```

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, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 140, 185) }
```

Border

The CSS property to change the border of an element to Yxy 36.8579, 0.3470, 0.2753 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, 140, 185) }
```

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

```
.border{ border-color:rgb(216, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(216, 140,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8579, 0.3470, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 140, 185) }
```

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

```
.background{ background-color: rgb(216,  
140, 185) }
```

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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