

Converting Colors

$Y_{xy}(35.6255, 0.3539, 0.2713)$

Have a look what the booklet for
Yxy(35.6255, 0.3539, 0.2713)
contains.

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Color

Yxy(35.6847, 0.3543, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	DC86B7
RGB	220, 134, 183
RGB Percent	86%, 53%, 72%
CMY	0.1373, 0.4745, 0.2825
CMYK	0.00, 0.39, 0.17, 0.14
HSL	326°, 55%, 69%
HSV	326°, 39%, 86%
XYZ	46.5847, 35.6847, 49.2144
YIQ	165.3000, 35.5270, 33.4710

Conversions

Conversions Part 2

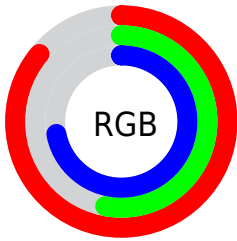
Format	Color
RYB	220, 134, 183
Decimal	14452407
CIELab	66.28, 39.57, -11.63
CIELCh	66, 41.245, 343.624
Yxy	35.6847, 0.3543, 0.2714
Android (android.graphics.Color)	4292642487 (0xFFDC86B7)
YUV	165.3000, 8.7261, 47.9719
Hunter-Lab	59.7367, 34.6612, -7.0307

Details

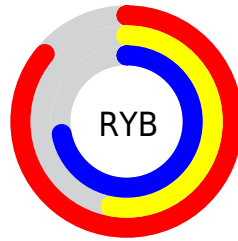
The Yxy color **35.6847, 0.3543, 0.2714** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1977, 0.2858, 0.3954**, and the grayscale version is **37.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8872, 0.3277, 0.2791**, and **15.4328, 0.3660, 0.2550** is the 20% darker color. If you saturate the color by 10%, you get **29.8426, 0.3697, 0.2572**, and if you desaturate by 10%, it is **42.8216, 0.3409, 0.2864**.

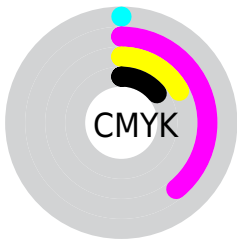
Distribution



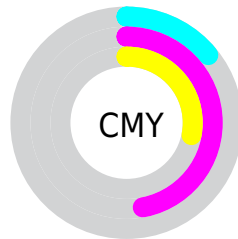
- Red (86%)
- Green (53%)
- Blue (72%)



- Red (86%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (39%)
- Yellow (17%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6847, 0.3543, 0.2714 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 35.6847, 0.3543, 0.2714 by changing the saturation by 10% instead.


 35.6847, 0.3543,
0.2714


 35.6847, 0.3543,
0.2714


327.5803, 0.3333,
0.3001


 24.1908, 0.3596,
0.2643


 68.5451, 0.3466,
0.2818

 15.4752, 0.3665,
0.2552


 90.6804, 0.3437,
0.2857

 9.1536, 0.3756,
0.2432


 117.1317, 0.3413,
0.2890

 4.8415, 0.3885,
0.2267

148.2832, 0.3393,
0.2918

 2.1546, 0.4079,
0.2025

184.5194, 0.3375,
0.2943

 0.6950, 0.4413,
0.1618

226.2248, 0.3359,

 0.0000, 0.6119,

0.2965

0.0000

273.7836, 0.3345,
0.2984

0.0000, 0.0000,
0.0000

35.6847, 0.3543,
0.2714

35.6847, 0.3543,
0.2714

29.8426, 0.3697,
0.2572

42.8216, 0.3409,
0.2864

25.2108, 0.3872,
0.2448

51.3210, 0.3296,
0.3016

21.7025, 0.4064,
0.2354


61.2520, 0.3200,
0.3163


19.2170, 0.4266,
0.2302


72.6772, 0.3120,
0.3302

17.6355, 0.4470,
0.2301

85.6558, 0.3054,
0.3433

 16.7688, 0.4669,
0.2351

 93.0160, 0.2999,
0.3445

 16.7029, 0.4688,
0.2356

 93.5933, 0.2948,
0.3347

 93.9557, 0.2917,
0.3289

Harmonies

Analogous

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



35.6847, 0.2901, 0.2422



35.6847, 0.3543, 0.2714



35.6847, 0.4107, 0.3134

Triad

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



35.6847, 0.3543, 0.2714



35.6847, 0.3841, 0.4393



35.6847, 0.2020, 0.2767

Complementary

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



35.6847, 0.3543, 0.2714



59.1977, 0.2858, 0.3954

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.



35.6847, 0.2217, 0.3343



35.6847, 0.3543, 0.2714



35.6847, 0.3250, 0.4395

Square

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



35.6847, 0.3543, 0.2714



35.6847, 0.4265, 0.4073



35.6847, 0.2656, 0.3986



35.6847, 0.2078, 0.2417

Rectangle

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



35.6847, 0.3543, 0.2714



35.6847, 0.4329, 0.3452



35.6847, 0.2656, 0.3986



35.6847, 0.2057, 0.2938

Sweetspot

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



35.6864, 0.3543, 0.2714



81.1867, 0.3227, 0.3119



30.7486, 0.2706, 0.2190



16.9785, 0.3239, 0.3100



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.



35.6864, 0.3543, 0.2714



42.9600, 0.3670, 0.2595



34.1971, 0.4018, 0.3206



13.1751, 0.3203, 0.3158



9.8255, 0.4659, 0.2340



0.6537, 0.4358, 0.2175

Inverse Universe

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



35.6864, 0.3543, 0.2714



42.9600, 0.3670, 0.2595



61.0515, 0.2626, 0.3381



13.1751, 0.3203, 0.3158



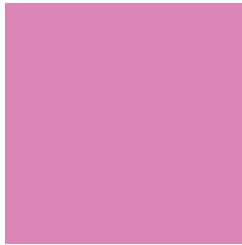
9.8255, 0.4659, 0.2340



0.6537, 0.4358, 0.2175

Previews

White Background



This preview shows how the Yxy color 35.6847, 0.3543, 0.2714 looks on a white background.

Color Contrast Check

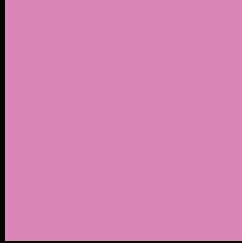
Large Text (above 18pt) WCAG AA × Fail

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 35.6847, 0.3543, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

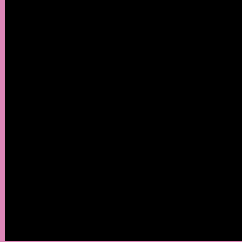
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6847, 0.3543, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 35.6847, 0.3543, 0.2714.



This preview shows how white text looks on a background with the Yxy color 35.6847, 0.3543, 0.2714.

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

35.6847, 0.3543, 0.2714

Protanopia

35.9871, 0.2731, 0.2734

Deuteranopia

35.8036, 0.3047, 0.2984



Tritanopia

35.5895, 0.3839, 0.3157

Trichromacy



Original Color

35.6847, 0.3543, 0.2714

Protanomaly

35.3754, 0.2992, 0.2719

Deuteranomaly

35.4815, 0.3226, 0.2881

Tritanomaly

35.5730, 0.3722, 0.2988

Monochromacy



Original Color

35.6847, 0.3543, 0.2714

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4040, 0.3267, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6847, 0.3543, 0.2714 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, 134, 183)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 183)  
}
```

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, 134, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.6847, 0.3543, 0.2714 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, 134, 183) }
```

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

```
.border{ border-color:rgb(220, 134, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 134, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 134, 183);  
box-shadow:4px 4px 4px 4px rgb(220, 134,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6847, 0.3543, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 183) }
```

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

```
.background{ background-color: rgb(220,  
134, 183) }
```

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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