

Converting Colors

$Yxy(35.7878, 0.3790, 0.2903)$

Have a look what the booklet for
Yxy(35.7878, 0.3790, 0.2903)
contains.

| | |
|--|----|
| Yxy(35.7338, 0.3785, 0.2895) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(35.7338, 0.3785, 0.2895)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E285A7 |
| RGB | 226, 133, 167 |
| RGB Percent | 89%, 52%, 65% |
| CMY | 0.1138, 0.4783, 0.3452 |
| CMYK | 0.00, 0.41, 0.26, 0.11 |
| HSL | 338°, 62%, 70% |
| HSV | 338°, 41%, 89% |
| XYZ | 46.7193, 35.7338, 40.9797 |
| YIQ | 164.6830, 44.5140, 30.2900 |

Conversions

Conversions Part 2

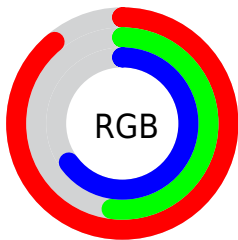
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 133, 167 |
| Decimal | 14845351 |
| CIE Lab | 66.32, 39.79, -2.48 |
| CIE LCh | 66, 39.866, 356.440 |
| Yxy | 35.7338, 0.3785, 0.2895 |
| Android (android.graphics.Color) | 4293035431 (0xFFE285A7) |
| YUV | 164.6830, 1.1423, 53.7750 |
| Hunter-Lab | 59.7778, 34.8957, 1.1991 |

Details

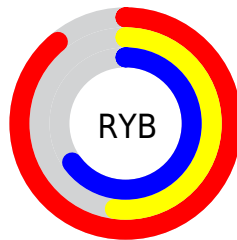
The Yxy color **35.7338, 0.3785, 0.2895** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.1766, 0.2741, 0.3734**, and the grayscale version is **37.4468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5004, 0.3411, 0.2944**, and **15.5577, 0.4000, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **29.6966, 0.4034, 0.2805**, and if you desaturate by 10%, it is **43.1643, 0.3575, 0.2993**.

Distribution



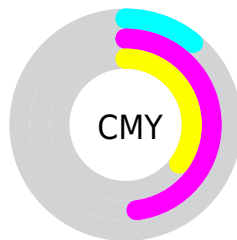
- Red (89%)
- Green (52%)
- Blue (65%)



- Red (89%)
- Yellow (52%)
- Blue (65%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (11%)




- Cyan (11%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7338, 0.3785, 0.2895 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 35.7338, 0.3785, 0.2895 by changing the saturation by 10% instead.


 35.7338, 0.3785,
0.2895


 35.7338, 0.3785,
0.2895


327.7955, 0.3444,
0.3098


 24.2287, 0.3874,
0.2843


 68.6210, 0.3658,
0.2970

 15.5033, 0.3991,
0.2774


 90.7719, 0.3611,
0.2998

 9.1734, 0.4151,
0.2682


 117.2401, 0.3572,
0.3021

 4.8545, 0.4381,
0.2550

148.4101, 0.3539,
0.3041

 2.1621, 0.4741,
0.2347

184.6662, 0.3510,
0.3058

 0.6992, 0.5392,
0.1972

226.3929, 0.3485,

 0.0000, 1.0000,

0.3073

0.0000

273.9746, 0.3463,
0.3086

0.0000, 0.0000,
0.0000

35.7338, 0.3785,
0.2895

35.7338, 0.3785,
0.2895

29.6966, 0.4034,
0.2805

43.1643, 0.3575,
0.2993

24.9595, 0.4320,
0.2734

52.0632, 0.3400,
0.3092

21.4259, 0.4637,
0.2693

62.5064, 0.3257,
0.3189

18.9833, 0.4969,
0.2695

74.5631, 0.3139,
0.3280

17.4975, 0.5291,
0.2748

88.2982, 0.3043,
0.3365

■ 16.7826, 0.5550,
0.2831

■ 94.7797, 0.2963,
0.3309

■ 94.9053, 0.2952,
0.3289

Harmonies

Analogous

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



35.7338, 0.3170, 0.2550



35.7338, 0.3785, 0.2895



35.7338, 0.4229, 0.3337

Triad

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



35.7338, 0.3785, 0.2895



35.7338, 0.3587, 0.4403



35.7338, 0.2047, 0.2611

Complementary

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



35.7338, 0.3785, 0.2895



63.1766, 0.2741, 0.3734

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.



35.7338, 0.2133, 0.3084



35.7338, 0.3785, 0.2895



35.7338, 0.2994, 0.4230

Square

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



35.7338, 0.3785, 0.2895



35.7338, 0.4084, 0.4208



35.7338, 0.2466, 0.3706



35.7338, 0.2208, 0.2372

Rectangle

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



35.7338, 0.3785, 0.2895



35.7338, 0.4340, 0.3651



35.7338, 0.2466, 0.3706



35.7338, 0.2048, 0.2744

Sweetspot

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



35.7355, 0.3785, 0.2895



80.8181, 0.3269, 0.3180



33.4638, 0.2857, 0.2182



16.8919, 0.3287, 0.3167



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.



35.7355, 0.3785, 0.2895



40.3606, 0.3986, 0.2821



38.2378, 0.4118, 0.3439



13.7829, 0.3235, 0.3205



9.5974, 0.5509, 0.2808



0.6821, 0.5085, 0.2575

Inverse Universe

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



35.7355, 0.3785, 0.2895



40.3606, 0.3986, 0.2821



58.3613, 0.2540, 0.3131



13.7829, 0.3235, 0.3205



9.5974, 0.5509, 0.2808



0.6821, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 35.7338, 0.3785, 0.2895 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 35.7338, 0.3785, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

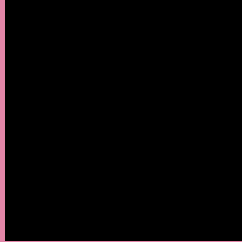
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7338, 0.3785, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 35.7338, 0.3785, 0.2895.



This preview shows how white text looks on a background with the Yxy color 35.7338, 0.3785, 0.2895.

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

35.7338, 0.3785, 0.2895

Protanopia

35.8714, 0.2905, 0.2950

Deuteranopia

36.1054, 0.3269, 0.3207



Tritanopia

35.8452, 0.3980, 0.3174

Trichromacy



Original Color

35.7338, 0.3785, 0.2895

Protanomaly

35.0943, 0.3194, 0.2914

Deuteranomaly

35.4622, 0.3457, 0.3080

Tritanomaly

35.9490, 0.3914, 0.3079

Monochromacy



Original Color

35.7338, 0.3785, 0.2895

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.1004, 0.3346, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7338, 0.3785, 0.2895 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(226, 133, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 133, 167)  
}
```

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(226, 133, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 133, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.7338, 0.3785, 0.2895 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(226, 133, 167) }
```

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

```
.border{ border-color:rgb(226, 133, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 133, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 133, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 133, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 133,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7338, 0.3785, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 133, 167) }
```

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

```
.background{ background-color: rgb(226,  
133, 167) }
```

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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