

Converting Colors

$Y_{xy}(41.3939, 0.3584, 0.2895)$

Have a look what the booklet for
Yxy(41.3939, 0.3584, 0.2895)
contains.

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Color

Yxy(41.4078, 0.3592, 0.2900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E495B7 |
| RGB | 228, 149, 183 |
| RGB Percent | 89%, 58%, 72% |
| CMY | 0.1059, 0.4157, 0.2823 |
| CMYK | 0.00, 0.35, 0.20, 0.11 |
| HSL | 334°, 59%, 74% |
| HSV | 334°, 35%, 89% |
| XYZ | 51.2886, 41.4078, 50.0892 |
| YIQ | 176.4970, 36.1700, 27.3220 |

Conversions

Conversions Part 2

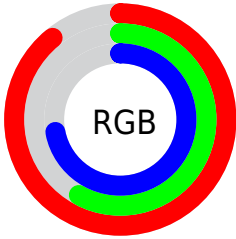
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 228, 149, 183 |
| Decimal | 14980535 |
| CIE Lab | 70.46, 34.39, -5.32 |
| CIE LCh | 70, 34.799, 351.203 |
| Yxy | 41.4078, 0.3592, 0.2900 |
| Android (android.graphics.Color) | 4293170615 (0xFFE495B7) |
| YUV | 176.4970, 3.2060, 45.1681 |
| Hunter-Lab | 64.3489, 29.6608, -1.1071 |

Details

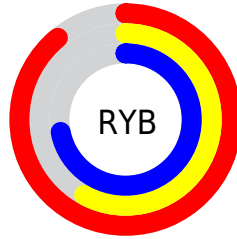
The Yxy color **41.4078, 0.3592, 0.2900** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.7701, 0.2822, 0.3721**, and the grayscale version is **43.6591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6777, 0.3264, 0.2942**, and **18.8190, 0.3727, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **34.3712, 0.3790, 0.2787**, and if you desaturate by 10%, it is **49.9102, 0.3425, 0.3017**.

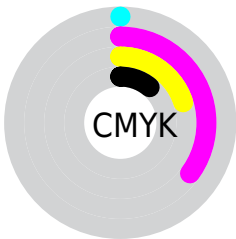
Distribution



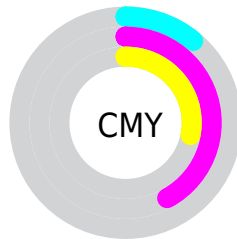
- Red (89%)
- Green (58%)
- Blue (72%)



- Red (89%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4078, 0.3592, 0.2900 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 41.4078, 0.3592, 0.2900 by changing the saturation by 10% instead.


 41.4078, 0.3592,
0.2900

 41.4078, 0.3592,
0.2900


352.0221, 0.3358,
0.3094

 28.6379, 0.3651,
0.2852

 77.3026, 0.3506,
0.2970

 18.8070, 0.3727,
0.2791


 101.1962, 0.3474,
0.2997

 11.5309, 0.3829,
0.2710


129.5665, 0.3447,
0.3019

 6.4251, 0.3972,
0.2598

162.7979, 0.3424,
0.3038

 3.1053, 0.4187,
0.2433

201.2747, 0.3404,
0.3055

 1.1869, 0.4544,
0.2168

245.3815, 0.3387,

 0.0510, 0.6500,

0.3069

0.0373

295.5025, 0.3371,
0.3082

0.0000, 0.0000,
0.0000

41.4078, 0.3592,
0.2900

41.4078, 0.3592,
0.2900

34.3712, 0.3790,
0.2787

49.9102, 0.3425,
0.3017

28.7106, 0.4021,
0.2686

59.9501, 0.3287,
0.3132

24.3351, 0.4283,
0.2609

71.6011, 0.3173,
0.3241

21.1404, 0.4567,
0.2568

84.9305, 0.3079,
0.3344

19.0055, 0.4860,
0.2575

94.7869, 0.3002,
0.3360

■ 17.7829, 0.5142,
0.2636

■ 95.2333, 0.2964,
0.3290

■ 17.3774, 0.5285,
0.2685

Harmonies

Analogous

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



41.4078, 0.3077, 0.2622



41.4078, 0.3592, 0.2900



41.4078, 0.3994, 0.3272

Triad

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



41.4078, 0.3592, 0.2900



41.4078, 0.3604, 0.4204



41.4078, 0.2209, 0.2785

Complementary

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



41.4078, 0.3592, 0.2900



65.7701, 0.2822, 0.3721

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.



41.4078, 0.2324, 0.3214



41.4078, 0.3592, 0.2900



41.4078, 0.3111, 0.4106

Square

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



41.4078, 0.3592, 0.2900



41.4078, 0.3987, 0.4020



41.4078, 0.2645, 0.3721



41.4078, 0.2311, 0.2538

Rectangle

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



41.4078, 0.3592, 0.2900



41.4078, 0.4125, 0.3540



41.4078, 0.2645, 0.3721



41.4078, 0.2223, 0.2910

Sweetspot

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



41.4097, 0.3592, 0.2900



83.8952, 0.3232, 0.3183



38.5373, 0.2865, 0.2352



17.5098, 0.3248, 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.



41.4097, 0.3592, 0.2900



46.3031, 0.3740, 0.2813



41.8653, 0.3927, 0.3354



14.4705, 0.3225, 0.3189



10.0575, 0.5247, 0.2664



0.7615, 0.4877, 0.2461

Inverse Universe

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



41.4097, 0.3592, 0.2900



46.3031, 0.3740, 0.2813



64.6228, 0.2630, 0.3224



14.4705, 0.3225, 0.3189



10.0575, 0.5247, 0.2664



0.7615, 0.4877, 0.2461

Previews

White Background



This preview shows how the Yxy color 41.4078, 0.3592, 0.2900 looks on a white background.

Color Contrast Check

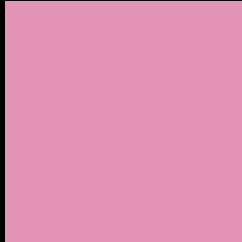
Large Text (above 18pt) WCAG AA × Fail

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 41.4078, 0.3592, 0.2900 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 41.4078, 0.3592, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 41.4078, 0.3592, 0.2900.



This preview shows how white text looks on a background with the Yxy color 41.4078, 0.3592, 0.2900.

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

41.4078, 0.3592, 0.2900

Protanopia

41.5921, 0.2902, 0.2944

Deuteranopia

41.7397, 0.3189, 0.3133



Tritanopia

41.3056, 0.3760, 0.3151

Trichromacy



Original Color

41.4078, 0.3592, 0.2900

Protanomaly

40.9473, 0.3126, 0.2919

Deuteranomaly

41.2434, 0.3329, 0.3039

Tritanomaly

41.4044, 0.3700, 0.3058

Monochromacy



Original Color

41.4078, 0.3592, 0.2900

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6279, 0.3291, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4078, 0.3592, 0.2900 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(228, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(228, 149, 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(228, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 149, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.4078, 0.3592, 0.2900 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(228, 149, 183) }
```

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

```
.border{ border-color:rgb(228, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 149, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 149, 183); box-shadow:4px 4px 4px 4px rgb(228, 149, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4078, 0.3592, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 149, 183) }
```

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

```
.background{ background-color: rgb(228,  
149, 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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