

Converting Colors

Yxy(41.2567, 0.3604, 0.2890)

Have a look what the booklet for
Yxy(41.2567, 0.3604, 0.2890)
contains.

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Color

Yxy(41.2567, 0.3604, 0.2890)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E594B7 |
| RGB | 229, 148, 183 |
| RGB Percent | 90%, 58%, 72% |
| CMY | 0.1020, 0.4196, 0.2824 |
| CMYK | 0.00, 0.35, 0.20, 0.10 |
| HSL | 334°, 61%, 74% |
| HSV | 334°, 35%, 90% |
| XYZ | 51.4495, 41.2567, 50.0505 |
| YIQ | 176.2090, 37.0410, 28.0570 |

Conversions

Conversions Part 2

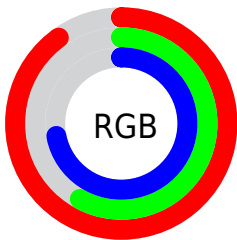
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 148, 183 |
| Decimal | 15045815 |
| CIE Lab | 70.36, 35.27, -5.46 |
| CIE LCh | 70, 35.690, 351.194 |
| Yxy | 41.2567, 0.3604, 0.2890 |
| Android (android.graphics.Color) | 4293235895 (0xFFE594B7) |
| YUV | 176.2090, 3.3480, 46.2977 |
| Hunter-Lab | 64.2314, 30.5741, -1.2381 |

Details

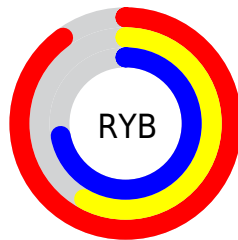
The Yxy color **41.2567, 0.3604, 0.2890** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.2295, 0.2817, 0.3733**, and the grayscale version is **43.4996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2039, 0.3265, 0.2932**, and **18.7481, 0.3744, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **34.2542, 0.3804, 0.2777**, and if you desaturate by 10%, it is **49.7342, 0.3436, 0.3007**.

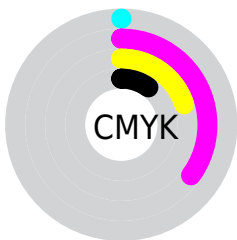
Distribution



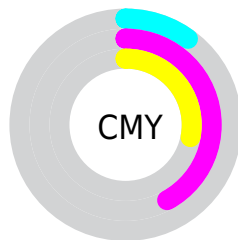
- Red (90%)
- Green (58%)
- Blue (72%)



- Red (90%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2567, 0.3604, 0.2890 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 41.2567, 0.3604, 0.2890 by changing the saturation by 10% instead.


 41.2567, 0.3604,
0.2890


 41.2567, 0.3604,
0.2890


351.3923, 0.3364,
0.3089

 28.5197, 0.3665,
0.2841


 77.0734, 0.3516,
0.2962

 18.7178, 0.3743,
0.2778


 100.9219, 0.3483,
0.2989

 11.4665, 0.3847,
0.2695


129.2431, 0.3456,
0.3012

 6.3816, 0.3994,
0.2580

162.4213, 0.3432,
0.3032

 3.0785, 0.4214,
0.2412

200.8409, 0.3411,
0.3049

 1.1728, 0.4581,
0.2141

244.8864, 0.3393,

 0.0393, 0.6597,

0.3064

0.0288

294.9421, 0.3378,
0.3077

0.0000, 0.0000,
0.0000

41.2567, 0.3604,
0.2890

41.2567, 0.3604,
0.2890

34.2542, 0.3804,
0.2777

49.7342, 0.3436,
0.3007

28.6352, 0.4036,
0.2677

59.7593, 0.3296,
0.3123

24.3072, 0.4299,
0.2602

71.4071, 0.3180,
0.3233

21.1638, 0.4584,
0.2563

84.7459, 0.3086,
0.3337

19.0811, 0.4875,
0.2574

94.9568, 0.3008,
0.3359

■ 17.9073, 0.5155,
0.2639

■ 95.3977, 0.2970,
0.3290

■ 17.5574, 0.5279,
0.2682

Harmonies

Analogous

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



41.2567, 0.3075, 0.2606



41.2567, 0.3604, 0.2890



41.2567, 0.4018, 0.3270

Triad

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



41.2567, 0.3604, 0.2890



41.2567, 0.3616, 0.4229



41.2567, 0.2187, 0.2771

Complementary

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



41.2567, 0.3604, 0.2890



66.2295, 0.2817, 0.3733

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.



41.2567, 0.2304, 0.3210



41.2567, 0.3604, 0.2890



41.2567, 0.3110, 0.4130

Square

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



41.2567, 0.3604, 0.2890



41.2567, 0.4009, 0.4037



41.2567, 0.2632, 0.3734



41.2567, 0.2290, 0.2519

Rectangle

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



41.2567, 0.3604, 0.2890



41.2567, 0.4151, 0.3544



41.2567, 0.2632, 0.3734



41.2567, 0.2201, 0.2899

Sweetspot

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



41.2586, 0.3604, 0.2890



82.4069, 0.3243, 0.3171



38.2955, 0.2858, 0.2331



17.2131, 0.3260, 0.3156



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.



41.2586, 0.3604, 0.2890



46.3113, 0.3738, 0.2812



41.7118, 0.3951, 0.3355



14.4709, 0.3225, 0.3189



10.0618, 0.5240, 0.2660



0.7619, 0.4871, 0.2457

Inverse Universe

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



41.2586, 0.3604, 0.2890



46.3113, 0.3738, 0.2812



65.0495, 0.2621, 0.3223



14.4709, 0.3225, 0.3189



10.0618, 0.5240, 0.2660



0.7619, 0.4871, 0.2457

Previews

White Background



This preview shows how the Yxy color 41.2567, 0.3604, 0.2890 looks on a white background.

Color Contrast Check

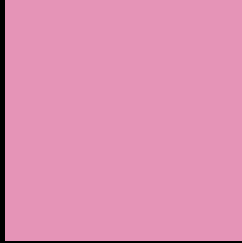
Large Text (above 18pt) WCAG AA × Fail

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 41.2567, 0.3604, 0.2890 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 41.2567, 0.3604, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 41.2567, 0.3604, 0.2890.



This preview shows how white text looks on a background with the Yxy color 41.2567, 0.3604, 0.2890.

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

41.2567, 0.3604, 0.2890

Protanopia

41.4819, 0.2894, 0.2943

Deuteranopia

41.3718, 0.3190, 0.3120



Tritanopia

41.4317, 0.3780, 0.3163

Trichromacy



Original Color

41.2567, 0.3604, 0.2890

Protanomaly

40.9473, 0.3126, 0.2919

Deuteranomaly

41.0344, 0.3340, 0.3027

Tritanomaly

41.5295, 0.3721, 0.3071

Monochromacy



Original Color

41.2567, 0.3604, 0.2890

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1292, 0.3283, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2567, 0.3604, 0.2890 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(229, 148, 183)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 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(229, 148, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.2567, 0.3604, 0.2890 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(229, 148, 183) }
```

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

```
.border{ border-color:rgb(229, 148, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 183);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2567, 0.3604, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 183) }
```

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

```
.background{ background-color: rgb(229,  
148, 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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