

Converting Colors

$Y_{xy}(41.1381, 0.3570, 0.2780)$

Have a look what the booklet for
Yxy(41.1381, 0.3570, 0.2780)
contains.

Yxy(41.1243, 0.3568, 0.2784)	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(41.1243, 0.3568, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	E891BE
RGB	232, 145, 190
RGB Percent	91%, 57%, 75%
CMY	0.0901, 0.4314, 0.2548
CMYK	0.00, 0.38, 0.18, 0.09
HSL	329°, 65%, 74%
HSV	329°, 38%, 91%
XYZ	52.7053, 41.1243, 53.8870
YIQ	176.1430, 37.4070, 32.4390

Conversions

Conversions Part 2

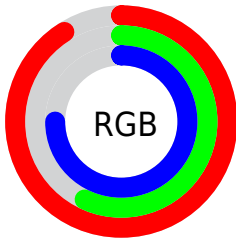
Format	Color
R _Y B	232, 145, 190
Decimal	15241662
CIE Lab	70.26, 38.96, -9.47
CIE LCh	70, 40.091, 346.337
Yxy	41.1243, 0.3568, 0.2784
Android (android.graphics.Color)	4293431742 (0xFFE891BE)
YUV	176.1430, 6.8315, 48.9866
Hunter-Lab	64.1282, 34.4800, -4.9317

Details

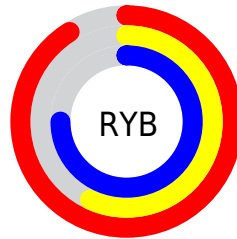
The Yxy color **41.1243, 0.3568, 0.2784** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.3319, 0.2841, 0.3864**, and the grayscale version is **43.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2224, 0.3216, 0.2835**, and **18.7488, 0.3689, 0.2649** is the 20% darker color. If you saturate the color by 10%, you get **34.2743, 0.3740, 0.2652**, and if you desaturate by 10%, it is **49.4635, 0.3421, 0.2923**.

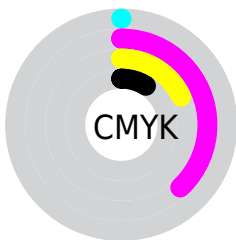
Distribution



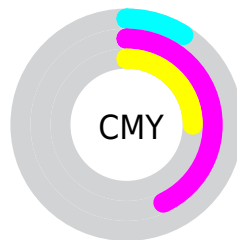
- Red (91%)
- Green (57%)
- Blue (75%)



- Red (91%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1243, 0.3568, 0.2784 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 41.1243, 0.3568, 0.2784 by changing the saturation by 10% instead.

 41.1243, 0.3568,
0.2784


 41.1243, 0.3568,
0.2784


350.8399, 0.3348,
0.3032

 28.4162, 0.3623,
0.2724


 76.8725, 0.3488,
0.2873

 18.6397, 0.3692,
0.2647


 100.6815, 0.3458,
0.2907

 11.4102, 0.3785,
0.2547


128.9596, 0.3433,
0.2935

 6.3434, 0.3914,
0.2411

162.0911, 0.3411,
0.2960

 3.0550, 0.4104,
0.2215

200.4605, 0.3392,
0.2982

 1.1605, 0.4411,
0.1911

244.4521, 0.3376,

 0.0291, 0.5770,

0.3000

0.0170

294.4505, 0.3361,
0.3017

0.0000, 0.0000,
0.0000

41.1243, 0.3568,
0.2784

41.1243, 0.3568,
0.2784

34.2743, 0.3740,
0.2652

49.4635, 0.3421,
0.2923

28.8183, 0.3938,
0.2536

59.3683, 0.3297,
0.3061

24.6589, 0.4157,
0.2448

70.9166, 0.3193,
0.3194

21.6833, 0.4390,
0.2401

84.1793, 0.3107,
0.3321

19.7595, 0.4628,
0.2405

95.3337, 0.3037,
0.3379

■ 18.7109, 0.4859,
0.2463

■ 95.8995, 0.2988,
0.3290

■ 18.5167, 0.4915,
0.2481

Harmonies

Analogous

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



41.1243, 0.2971, 0.2495



41.1243, 0.3568, 0.2784



41.1243, 0.4072, 0.3188

Triad

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



41.1243, 0.3568, 0.2784



41.1243, 0.3751, 0.4329



41.1243, 0.2087, 0.2769

Complementary

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



41.1243, 0.3568, 0.2784



67.3319, 0.2841, 0.3864

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.



41.1243, 0.2253, 0.3289



41.1243, 0.3568, 0.2784



41.1243, 0.3195, 0.4288

Square

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



41.1243, 0.3568, 0.2784



41.1243, 0.4162, 0.4061



41.1243, 0.2648, 0.3882



41.1243, 0.2163, 0.2458

Rectangle

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



41.1243, 0.3568, 0.2784



41.1243, 0.4257, 0.3489



41.1243, 0.2648, 0.3882



41.1243, 0.2115, 0.2922

Sweetspot

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



41.1262, 0.3568, 0.2784



82.5494, 0.3228, 0.3148



36.4653, 0.2762, 0.2246



17.2470, 0.3241, 0.3130



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.



41.1262, 0.3568, 0.2784



44.2418, 0.3699, 0.2681



39.5423, 0.4018, 0.3259



14.4919, 0.3212, 0.3169



10.3032, 0.4880, 0.2462



0.7801, 0.4570, 0.2291

Inverse Universe

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



41.1262, 0.3568, 0.2784



44.2418, 0.3699, 0.2681



69.4083, 0.2619, 0.3324



14.4919, 0.3212, 0.3169



10.3032, 0.4880, 0.2462



0.7801, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 41.1243, 0.3568, 0.2784 looks on a white background.

Color Contrast Check

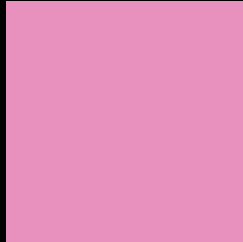
Large Text (above 18pt) WCAG AA × Fail

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 41.1243, 0.3568, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

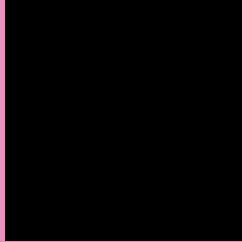
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1243, 0.3568, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 41.1243, 0.3568, 0.2784.



This preview shows how white text looks on a background with the Yxy color 41.1243, 0.3568, 0.2784.

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

41.1243, 0.3568, 0.2784

Protanopia

41.6301, 0.2796, 0.2816

Deuteranopia

41.2499, 0.3112, 0.3041



Tritanopia

41.0793, 0.3817, 0.3152

Trichromacy



Original Color

41.1243, 0.3568, 0.2784



Protanomaly

40.8765, 0.3042, 0.2797



Deuteranomaly

40.8016, 0.3276, 0.2941



Tritanomaly

40.9814, 0.3728, 0.3015

Monochromacy



Original Color

41.1243, 0.3568, 0.2784



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.9822, 0.3276, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1243, 0.3568, 0.2784 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(232, 145, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 145, 190)  
}
```

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(232, 145, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 145, 190) }
```

Border

The CSS property to change the border of an element to Yxy 41.1243, 0.3568, 0.2784 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(232, 145, 190) }
```

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

```
.border{ border-color:rgb(232, 145, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 145, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 145,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1243, 0.3568, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 145, 190) }
```

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

```
.background{ background-color: rgb(232,  
145, 190) }
```

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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