

Converting Colors

$Y_{xy}(41.8021, 0.3676, 0.2940)$

Have a look what the booklet for
Yxy(41.8021, 0.3676, 0.2940)
contains.

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Color

Yxy(41.7581, 0.3684, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	E994B3
RGB	233, 148, 179
RGB Percent	91%, 58%, 70%
CMY	0.0864, 0.4195, 0.2980
CMYK	0.00, 0.36, 0.23, 0.09
HSL	338°, 66%, 75%
HSV	338°, 36%, 91%
XYZ	52.3255, 41.7581, 47.9508
YIQ	176.9490, 40.7090, 27.6610

Conversions

Conversions Part 2

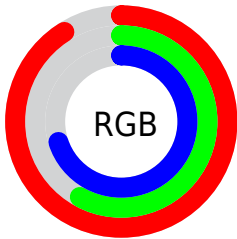
Format	Color
R _Y B	233, 148, 179
Decimal	15307955
CIE Lab	70.70, 36.07, -2.67
CIE LCh	71, 36.166, 355.761
Yxy	41.7581, 0.3684, 0.2940
Android (android.graphics.Color)	4293498035 (0xFFE994B3)
YUV	176.9490, 1.0111, 49.1567
Hunter-Lab	64.6205, 31.4517, 1.2390

Details

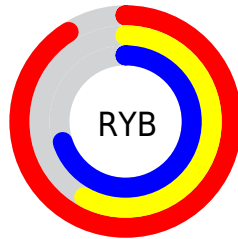
The Yxy color $41.7581, 0.3684, 0.2940$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $68.8268, 0.2777, 0.3676$, and the grayscale version is $43.9183, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9700, 0.3294, 0.2970$, and $19.1022, 0.3858, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $34.6040, 0.3915, 0.2846$, and if you desaturate by 10%, it is $50.4513, 0.3490, 0.3039$.

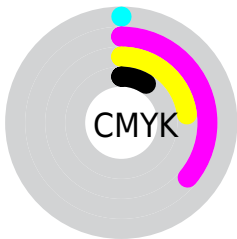
Distribution



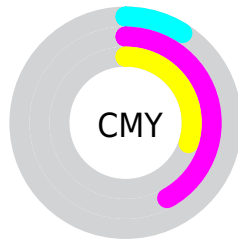
- Red (91%)
- Green (58%)
- Blue (70%)



- Red (91%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7581, 0.3684, 0.2940 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 41.7581, 0.3684, 0.2940 by changing the saturation by 10% instead.


 41.7581, 0.3684,
0.2940


 41.7581, 0.3684,
0.2940


353.4792, 0.3402,
0.3116

 28.9119, 0.3755,
0.2896


 77.8334, 0.3581,
0.3004

 19.0142, 0.3848,
0.2840


 101.8313, 0.3542,
0.3028

 11.6805, 0.3971,
0.2765


130.3152, 0.3510,
0.3048

 6.5265, 0.4145,
0.2660

163.6696, 0.3482,
0.3065

 3.1678, 0.4408,
0.2505

202.2788, 0.3458,
0.3080

 1.2200, 0.4846,
0.2251

246.5272, 0.3437,

 0.0779, 0.7329,

0.3094

0.0595

296.7992, 0.3419,
0.3105

0.0000, 0.0000,
0.0000

41.7581, 0.3684,
0.2940

41.7581, 0.3684,
0.2940

34.6040, 0.3915,
0.2846

50.4513, 0.3490,
0.3039

28.8922, 0.4186,
0.2764

60.7610, 0.3330,
0.3138

24.5244, 0.4491,
0.2708

72.7663, 0.3199,
0.3232

21.3870, 0.4820,
0.2689

86.5395, 0.3092,
0.3320

19.3476, 0.5150,
0.2719

95.9323, 0.3004,
0.3309

■ 18.2401, 0.5456,
0.2800

■ 96.0599, 0.2993,
0.3290

■ 17.9752, 0.5557,
0.2835

Harmonies

Analogous

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



41.7581, 0.3156, 0.2636



41.7581, 0.3684, 0.2940



41.7581, 0.4069, 0.3332

Triad

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



41.7581, 0.3684, 0.2940



41.7581, 0.3546, 0.4244



41.7581, 0.2180, 0.2714

Complementary

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



41.7581, 0.3684, 0.2940



68.8268, 0.2777, 0.3676

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.



41.7581, 0.2265, 0.3132



41.7581, 0.3684, 0.2940



41.7581, 0.3031, 0.4095

Square

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



41.7581, 0.3684, 0.2940



41.7581, 0.3969, 0.4087



41.7581, 0.2565, 0.3660



41.7581, 0.2318, 0.2492

Rectangle

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



41.7581, 0.3684, 0.2940



41.7581, 0.4172, 0.3608



41.7581, 0.2565, 0.3660



41.7581, 0.2184, 0.2833

Sweetspot

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



41.7601, 0.3684, 0.2940



82.2958, 0.3256, 0.3190



39.5996, 0.2896, 0.2312



17.1867, 0.3274, 0.3177



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.



41.7601, 0.3684, 0.2940



44.2938, 0.3860, 0.2866



44.3740, 0.3964, 0.3422



15.1449, 0.3236, 0.3204



10.2235, 0.5516, 0.2812



0.8207, 0.5136, 0.2603

Inverse Universe

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



41.7601, 0.3684, 0.2940



44.2938, 0.3860, 0.2866



64.2362, 0.2597, 0.3151



15.1449, 0.3236, 0.3204



10.2235, 0.5516, 0.2812



0.8207, 0.5136, 0.2603

Previews

White Background



This preview shows how the Yxy color 41.7581, 0.3684, 0.2940 looks on a white background.

Color Contrast Check

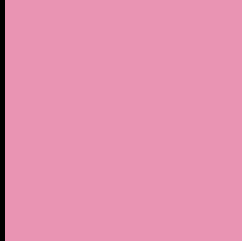
Large Text (above 18pt) WCAG AA × Fail

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 41.7581, 0.3684, 0.2940 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 41.7581, 0.3684, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 41.7581, 0.3684, 0.2940.



This preview shows how white text looks on a background with the Yxy color 41.7581, 0.3684, 0.2940.

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

41.7581, 0.3684, 0.2940

Protanopia

41.9461, 0.2934, 0.2996

Deuteranopia

41.9192, 0.3261, 0.3199



Tritanopia

41.7308, 0.3833, 0.3165

Trichromacy



Original Color

41.7581, 0.3684, 0.2940



Protanomaly

41.2060, 0.3180, 0.2959



Deuteranomaly

41.6035, 0.3413, 0.3103



Tritanomaly

41.7957, 0.3784, 0.3085

Monochromacy



Original Color

41.7581, 0.3684, 0.2940



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.3571, 0.3311, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7581, 0.3684, 0.2940 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(233, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 148, 179)  
}
```

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(233, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 148, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.7581, 0.3684, 0.2940 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(233, 148, 179) }
```

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

```
.border{ border-color:rgb(233, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 148,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7581, 0.3684, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 148, 179) }
```

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

```
.background{ background-color: rgb(233,  
148, 179) }
```

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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