

Converting Colors

$Y_{xy}(40.8958, 0.3533, 0.2643)$

Have a look what the booklet for
Yxy(40.8958, 0.3533, 0.2643)
contains.

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Color

Yxy(40.8842, 0.3534, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	ED8CC7
RGB	237, 140, 199
RGB Percent	93%, 55%, 78%
CMY	0.0706, 0.4509, 0.2197
CMYK	0.00, 0.41, 0.16, 0.07
HSL	324°, 73%, 74%
HSV	324°, 41%, 93%
XYZ	54.6050, 40.8842, 59.0241
YIQ	175.7290, 38.8730, 38.9130

Conversions

Conversions Part 2

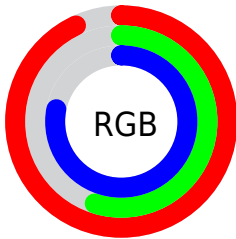
Format	Color
R _Y B	237, 140, 199
Decimal	15568071
CIE Lab	70.09, 44.56, -14.64
CIE LCh	70, 46.901, 341.817
Yxy	40.8842, 0.3534, 0.2646
Android (android.graphics.Color)	4293758151 (0xFFED8CC7)
YUV	175.7290, 11.4726, 53.7347
Hunter-Lab	63.9408, 40.5415, -9.9724

Details

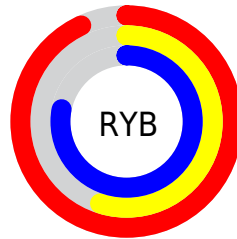
The Yxy color $40.8842, 0.3534, 0.2646$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $69.3537, 0.2866, 0.4046$, and the grayscale version is $43.1930, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.5102, 0.3155, 0.2703$, and $18.4444, 0.3640, 0.2477$ is the 20% darker color. If you saturate the color by 10%, you get $34.2706, 0.3678, 0.2498$, and if you desaturate by 10%, it is $49.0193, 0.3409, 0.2805$.

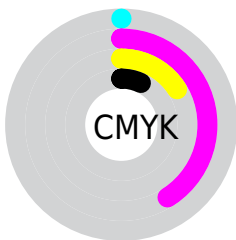
Distribution



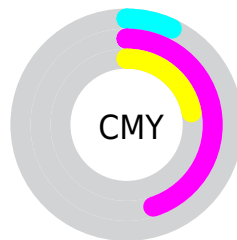
- Red (93%)
- Green (55%)
- Blue (78%)



- Red (93%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8842, 0.3534, 0.2646 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 40.8842, 0.3534, 0.2646 by changing the saturation by 10% instead.

 40.8842, 0.3534,
0.2646


 40.8842, 0.3534,
0.2646


349.8364, 0.3335,
0.2957


 28.2286, 0.3582,
0.2572


 76.5081, 0.3463,
0.2756

 18.4981, 0.3643,
0.2479


 100.2452, 0.3436,
0.2799

 11.3082, 0.3723,
0.2358


 128.4448, 0.3413,
0.2835

 6.2745, 0.3831,
0.2197

161.4916, 0.3393,
0.2866

 3.0127, 0.3987,
0.1970

199.7697, 0.3376,
0.2893

 1.1384, 0.4226,
0.1634

243.6636, 0.3360,

 0.0105, 0.5179,

0.2917

0.0048

293.5577, 0.3347,
0.2938

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.8842, 0.3534,
0.2646

40.8842, 0.3534,
0.2646

34.2706, 0.3678,
0.2498

49.0193, 0.3409,
0.2805

29.0756, 0.3838,
0.2370


58.7586, 0.3301,
0.2967


25.1927, 0.4011,
0.2276


70.1858, 0.3210,
0.3125

22.4975, 0.4192,
0.2226

83.3768, 0.3133,
0.3277

 20.8415, 0.4373,
0.2228

 96.1409, 0.3071,
0.3385

 20.0176, 0.4533,
0.2271

 96.7242, 0.3019,
0.3292

 96.7422, 0.3017,
0.3290

Harmonies

Analogous

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



40.8842, 0.2841, 0.2345



40.8842, 0.3534, 0.2646



40.8842, 0.4163, 0.3087

Triad

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



40.8842, 0.3534, 0.2646



40.8842, 0.3927, 0.4469



40.8842, 0.1941, 0.2748

Complementary

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



40.8842, 0.3534, 0.2646



69.3537, 0.2866, 0.4046

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.



40.8842, 0.2165, 0.3386



40.8842, 0.3534, 0.2646



40.8842, 0.3293, 0.4512

Square

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



40.8842, 0.3534, 0.2646



40.8842, 0.4374, 0.4097



40.8842, 0.2648, 0.4090



40.8842, 0.1989, 0.2361

Rectangle

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



40.8842, 0.3534, 0.2646



40.8842, 0.4419, 0.3423



40.8842, 0.2648, 0.4090



40.8842, 0.1985, 0.2937

Sweetspot

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



40.8861, 0.3534, 0.2646



81.2577, 0.3219, 0.3108



34.2452, 0.2652, 0.2120



16.9953, 0.3231, 0.3087



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.



40.8861, 0.3534, 0.2646



41.6950, 0.3652, 0.2522



39.0095, 0.4050, 0.3165



15.2079, 0.3198, 0.3148



10.9568, 0.4506, 0.2256



0.8792, 0.4277, 0.2130

Inverse Universe

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



40.8861, 0.3534, 0.2646



41.6950, 0.3652, 0.2522



71.6108, 0.2621, 0.3426



15.2079, 0.3198, 0.3148



10.9568, 0.4506, 0.2256



0.8792, 0.4277, 0.2130

Previews

White Background



This preview shows how the Yxy color 40.8842, 0.3534, 0.2646 looks on a white background.

Color Contrast Check

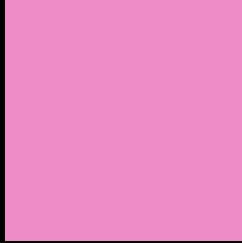
Large Text (above 18pt) WCAG AA × Fail

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 40.8842, 0.3534, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

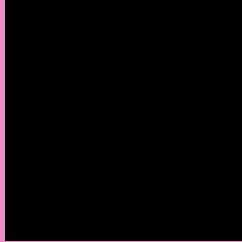
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8842, 0.3534, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 40.8842, 0.3534, 0.2646.



This preview shows how white text looks on a background with the Yxy color 40.8842, 0.3534, 0.2646.

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

40.8842, 0.3534, 0.2646

Protanopia

41.2349, 0.2666, 0.2652

Deuteranopia

40.9975, 0.3001, 0.2936



Tritanopia

41.0067, 0.3895, 0.3166

Trichromacy



Original Color

40.8842, 0.3534, 0.2646



Protanomaly

40.1145, 0.2935, 0.2629



Deuteranomaly

40.2416, 0.3178, 0.2806



Tritanomaly

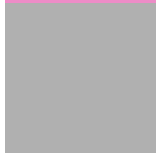
40.7992, 0.3755, 0.2963

Monochromacy



Original Color

40.8842, 0.3534, 0.2646



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.6608, 0.3270, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8842, 0.3534, 0.2646 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(237, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 140, 199)  
}
```

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(237, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 140, 199) }
```

Border

The CSS property to change the border of an element to Yxy 40.8842, 0.3534, 0.2646 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(237, 140, 199) }
```

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

```
.border{ border-color:rgb(237, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 140,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8842, 0.3534, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 140, 199) }
```

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

```
.background{ background-color: rgb(237,  
140, 199) }
```

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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