

Converting Colors

$Y_{xy}(41.2722, 0.3440, 0.2563)$

Have a look what the booklet for
Yxy(41.2722, 0.3440, 0.2563)
contains.

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Color

Yxy(41.0940, 0.3444, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	EC8CCF
RGB	236, 140, 207
RGB Percent	93%, 55%, 81%
CMY	0.0744, 0.4510, 0.1882
CMYK	0.00, 0.41, 0.12, 0.07
HSL	318°, 72%, 74%
HSV	318°, 41%, 93%
XYZ	55.2411, 41.0940, 64.0630
YIQ	176.3420, 35.7090, 41.1890

Conversions

Conversions Part 2

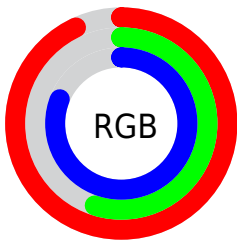
Format	Color
R _Y B	236, 140, 207
Decimal	15502543
CIE Lab	70.24, 45.53, -18.90
CIE LCh	70, 49.298, 337.461
Yxy	41.0940, 0.3444, 0.2562
Android (android.graphics.Color)	4293692623 (0xFFEC8CCF)
YUV	176.3420, 15.1144, 52.3201
Hunter-Lab	64.1046, 41.6365, -14.3783

Details

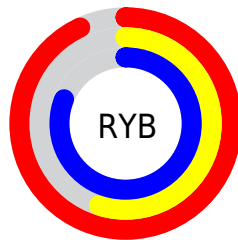
The Yxy color **41.0940, 0.3444, 0.2562** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.4461, 0.2914, 0.4157**, and the grayscale version is **43.5101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5102, 0.3155, 0.2703**, and **18.5813, 0.3511, 0.2371** is the 20% darker color. If you saturate the color by 10%, you get **34.5821, 0.3552, 0.2394**, and if you desaturate by 10%, it is **49.1046, 0.3348, 0.2742**.

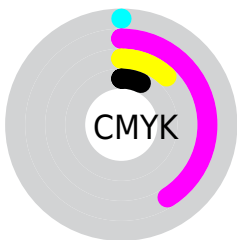
Distribution



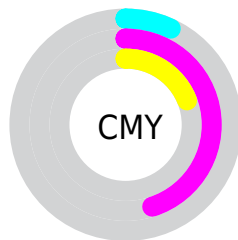
- Red (93%)
- Green (55%)
- Blue (81%)



- Red (93%)
- Yellow (55%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0940, 0.3444, 0.2562 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 41.0940, 0.3444, 0.2562 by changing the saturation by 10% instead.


 41.0940, 0.3444,
0.2562

 41.0940, 0.3444,
0.2562


350.7133, 0.3293,
0.2910


 28.3925, 0.3479,
0.2480


 76.8266, 0.3391,
0.2685

 18.6218, 0.3523,
0.2378


 100.6265, 0.3371,
0.2732

 11.3973, 0.3579,
0.2247


 128.8946, 0.3353,
0.2772

 6.3347, 0.3653,
0.2073

162.0155, 0.3338,
0.2807

 3.0497, 0.3755,
0.1834

200.3734, 0.3325,
0.2838

 1.1577, 0.3900,
0.1487

244.3527, 0.3313,

 0.0268, 0.4505,

0.2865

0.0103

294.3379, 0.3303,
0.2888

0.0000, 0.3691,
0.0000

0.0000, 0.0000,
0.0000

41.0940, 0.3444,
0.2562

41.0940, 0.3444,
0.2562

34.5821, 0.3552,
0.2394

49.1046, 0.3348,
0.2742

29.4676, 0.3671,
0.2249


58.6953, 0.3264,
0.2925


25.6454, 0.3797,
0.2137

69.9486, 0.3192,
0.3105


22.9932, 0.3927,
0.2068

82.9395, 0.3131,
0.3278

 21.3649, 0.4055,
0.2049

 95.8086, 0.3081,
0.3412

 20.5447, 0.4172,
0.2072

 96.2470, 0.3040,
0.3341

 96.5777, 0.3012,
0.3290

Harmonies

Analogous

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



41.0940, 0.2730, 0.2276



41.0940, 0.3444, 0.2562



41.0940, 0.4133, 0.3002

Triad

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



41.0940, 0.3444, 0.2562



41.0940, 0.4043, 0.4481



41.0940, 0.1907, 0.2801

Complementary

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



41.0940, 0.3444, 0.2562



68.4461, 0.2914, 0.4157

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.



41.0940, 0.2178, 0.3499



41.0940, 0.3444, 0.2562



41.0940, 0.3397, 0.4600

Square

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



41.0940, 0.3444, 0.2562



41.0940, 0.4472, 0.4054



41.0940, 0.2714, 0.4226



41.0940, 0.1917, 0.2359

Rectangle

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



41.0940, 0.3444, 0.2562



41.0940, 0.4440, 0.3346



41.0940, 0.2714, 0.4226



41.0940, 0.1966, 0.3011

Sweetspot

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



41.0959, 0.3444, 0.2562



81.4255, 0.3201, 0.3081



33.2229, 0.2590, 0.2107



17.0348, 0.3210, 0.3058



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.



41.0959, 0.3444, 0.2562



42.2617, 0.3535, 0.2418



39.1000, 0.3953, 0.3075



15.2318, 0.3184, 0.3127



11.3455, 0.4152, 0.2061



0.9078, 0.3990, 0.1972

Inverse Universe

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



41.0959, 0.3444, 0.2562



42.2617, 0.3535, 0.2418



70.5820, 0.2663, 0.3525



15.2318, 0.3184, 0.3127



11.3455, 0.4152, 0.2061



0.9078, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 41.0940, 0.3444, 0.2562 looks on a white background.

Color Contrast Check

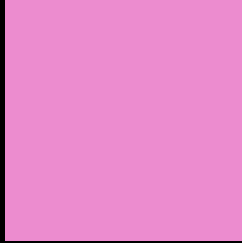
Large Text (above 18pt) WCAG AA × Fail

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 41.0940, 0.3444, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

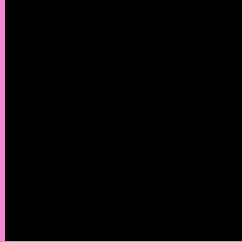
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0940, 0.3444, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 41.0940, 0.3444, 0.2562.



This preview shows how white text looks on a background with the Yxy color 41.0940, 0.3444, 0.2562.

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

41.0940, 0.3444, 0.2562

Protanopia

41.4188, 0.2587, 0.2546

Deuteranopia

41.2682, 0.2905, 0.2846



Tritanopia

41.0219, 0.3861, 0.3165

Trichromacy



Original Color

41.0940, 0.3444, 0.2562



Protanomaly

40.2779, 0.2856, 0.2538



Deuteranomaly

40.6837, 0.3090, 0.2723



Tritanomaly

41.0557, 0.3710, 0.2940

Monochromacy



Original Color

41.0940, 0.3444, 0.2562



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.7880, 0.3244, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0940, 0.3444, 0.2562 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(236, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 207)  
}
```

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(236, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 207) }
```

Border

The CSS property to change the border of an element to Yxy 41.0940, 0.3444, 0.2562 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(236, 140, 207) }
```

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

```
.border{ border-color:rgb(236, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0940, 0.3444, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 207) }
```

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

```
.background{ background-color: rgb(236,  
140, 207) }
```

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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