

Converting Colors

$Y_{xy}(42.2189, 0.3446, 0.2559)$

Have a look what the booklet for
Yxy(42.2189, 0.3446, 0.2559)
contains.

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Color

Yxy(42.3499, 0.3440, 0.2560)

Conversions

Conversions Part 1

Format	Color
Hex	EF8ED2
RGB	239, 142, 210
RGB Percent	94%, 56%, 82%
CMY	0.0627, 0.4432, 0.1763
CMYK	0.00, 0.41, 0.12, 0.06
HSL	318°, 75%, 75%
HSV	318°, 41%, 94%
XYZ	56.9077, 42.3499, 66.1717
YIQ	178.7550, 35.9840, 41.7120

Conversions

Conversions Part 2

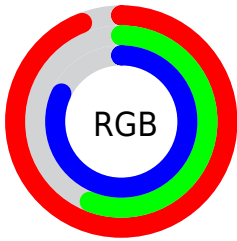
Format	Color
R _Y B	239, 142, 210
Decimal	15699666
CIE Lab	71.11, 45.94, -19.22
CIE LCh	71, 49.796, 337.301
Yxy	42.3499, 0.3440, 0.2560
Android (android.graphics.Color)	4293889746 (0xFFEF8ED2)
YUV	178.7550, 15.4038, 52.8349
Hunter-Lab	65.0768, 42.2084, -14.7338

Details

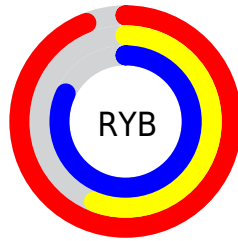
The Yxy color $42.3499, 0.3440, 0.2560$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $70.4266, 0.2916, 0.4160$, and the grayscale version is $44.8458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.4125, 0.3154, 0.2722$, and $19.3351, 0.3519, 0.2384$ is the 20% darker color. If you saturate the color by 10%, you get $35.6384, 0.3547, 0.2391$, and if you desaturate by 10%, it is $50.6058, 0.3345, 0.2741$.

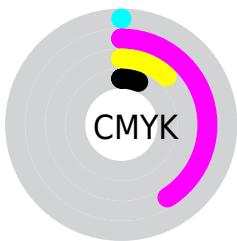
Distribution



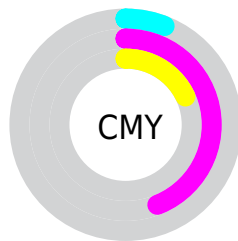
- Red (94%)
- Green (56%)
- Blue (82%)



- Red (94%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3499, 0.3440, 0.2560 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 42.3499, 0.3440, 0.2560 by changing the saturation by 10% instead.


 42.3499, 0.3440,
0.2560

 42.3499, 0.3440,
0.2560


355.9314, 0.3292,
0.2907

 29.3754, 0.3474,
0.2479


 78.7289, 0.3388,
0.2682

 19.3650, 0.3517,
0.2378


 102.9022, 0.3368,
0.2729

 11.9343, 0.3571,
0.2249


131.5772, 0.3351,
0.2769

 6.6989, 0.3642,
0.2078

165.1382, 0.3336,
0.2804

 3.2745, 0.3739,
0.1845

203.9698, 0.3323,
0.2835

 1.2767, 0.3877,
0.1509

248.4562, 0.3312,

 0.1230, 0.4345,

0.2861

0.0410

298.9820, 0.3301,
0.2885

■ 0.0000, 0.4063,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.3499, 0.3440,
0.2560

■ 42.3499, 0.3440,
0.2560

■ 35.6384, 0.3547,
0.2391

■ 50.6058, 0.3345,
0.2741

■ 30.3668, 0.3664,
0.2245


■ 60.4901, 0.3262,
0.2925

■ 26.4271, 0.3788,
0.2132


■ 72.0875, 0.3191,
0.3106


■ 23.6931, 0.3916,
0.2063

■ 85.4754, 0.3130,
0.3280

 22.0145, 0.4043,
0.2043

 96.5088, 0.3081,
0.3381

 21.1655, 0.4159,
0.2065

 96.9550, 0.3041,
0.3311

 97.0920, 0.3029,
0.3290

Harmonies

Analogous

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



42.3499, 0.2726, 0.2275



42.3499, 0.3440, 0.2560



42.3499, 0.4130, 0.2999

Triad

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



42.3499, 0.3440, 0.2560



42.3499, 0.4046, 0.4480



42.3499, 0.1908, 0.2804

Complementary

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



42.3499, 0.3440, 0.2560



70.4266, 0.2916, 0.4160

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.



42.3499, 0.2181, 0.3503



42.3499, 0.3440, 0.2560



42.3499, 0.3401, 0.4600

Square

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



42.3499, 0.3440, 0.2560



42.3499, 0.4473, 0.4052



42.3499, 0.2717, 0.4229



42.3499, 0.1916, 0.2360

Rectangle

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



42.3499, 0.3440, 0.2560



42.3499, 0.4438, 0.3343



42.3499, 0.2717, 0.4229



42.3499, 0.1967, 0.3014

Sweetspot

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



42.3519, 0.3440, 0.2560



81.4319, 0.3201, 0.3080



34.0658, 0.2578, 0.2105



17.0363, 0.3209, 0.3057



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.



42.3519, 0.3440, 0.2560



42.2842, 0.3531, 0.2414



40.3417, 0.3933, 0.3058



15.9463, 0.3184, 0.3126



11.7200, 0.4140, 0.2054



0.9924, 0.3988, 0.1971

Inverse Universe

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



42.3519, 0.3440, 0.2560



42.2842, 0.3531, 0.2414



72.5489, 0.2671, 0.3545



15.9463, 0.3184, 0.3126



11.7200, 0.4140, 0.2054



0.9924, 0.3988, 0.1971

Previews

White Background



This preview shows how the Yxy color 42.3499, 0.3440, 0.2560 looks on a white background.

Color Contrast Check

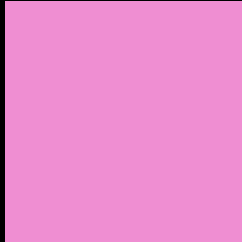
Large Text (above 18pt) WCAG AA × Fail

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 42.3499, 0.3440, 0.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

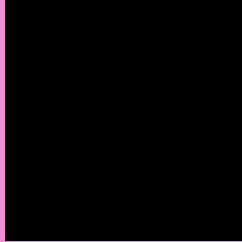
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3499, 0.3440, 0.2560

Background



This preview shows how black text looks on a background with the Yxy color 42.3499, 0.3440, 0.2560.



This preview shows how white text looks on a background with the Yxy color 42.3499, 0.3440, 0.2560.

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

42.3499, 0.3440, 0.2560

Protanopia

42.6003, 0.2580, 0.2531

Deuteranopia

42.5043, 0.2908, 0.2839



Tritanopia

42.2700, 0.3852, 0.3155

Trichromacy



Original Color

42.3499, 0.3440, 0.2560



Protanomaly

41.4364, 0.2844, 0.2524



Deuteranomaly

41.9260, 0.3090, 0.2719



Tritanomaly

42.3080, 0.3703, 0.2933

Monochromacy



Original Color

42.3499, 0.3440, 0.2560



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4076, 0.3242, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3499, 0.3440, 0.2560 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(239, 142, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 142, 210)  
}
```

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(239, 142, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 142, 210) }
```

Border

The CSS property to change the border of an element to Yxy 42.3499, 0.3440, 0.2560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

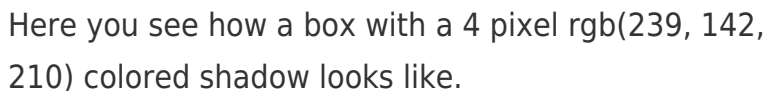
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 142, 210) }
```

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

```
.border{ border-color:rgb(239, 142, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 142, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 142, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 142, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 142,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3499, 0.3440, 0.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 142, 210) }
```

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

```
.background{ background-color: rgb(239,  
142, 210) }
```

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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