

Converting Colors

$Y_{xy}(40.2395, 0.3590, 0.2656)$

Have a look what the booklet for
Yxy(40.2395, 0.3590, 0.2656)
contains.

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Color

Yxy(40.2276, 0.3589, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	EF89C4
RGB	239, 137, 196
RGB Percent	94%, 54%, 77%
CMY	0.0628, 0.4627, 0.2313
CMYK	0.00, 0.43, 0.18, 0.06
HSL	325°, 76%, 74%
HSV	325°, 43%, 94%
XYZ	54.5024, 40.2276, 57.1296
YIQ	174.2240, 41.8530, 39.9730

Conversions

Conversions Part 2

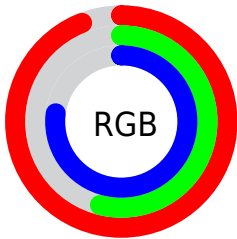
Format	Color
R_{YB}	239, 137, 196
Decimal	15698372
CIE _{Lab}	69.63, 46.30, -13.67
CIE _{LCh}	70, 48.272, 343.549
Yxy	40.2276, 0.3589, 0.2649
Android (android.graphics.Color)	4293888452 (0xFFEF89C4)
YUV	174.2240, 10.7356, 56.8086
Hunter-Lab	63.4252, 42.3940, -9.0071

Details

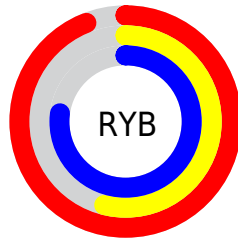
The Yxy color **40.2276, 0.3589, 0.2649** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.3341, 0.2842, 0.4045**, and the grayscale version is **42.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0511, 0.3171, 0.2691**, and **18.1174, 0.3719, 0.2486** is the 20% darker color. If you saturate the color by 10%, you get **33.7269, 0.3748, 0.2510**, and if you desaturate by 10%, it is **48.2674, 0.3450, 0.2800**.

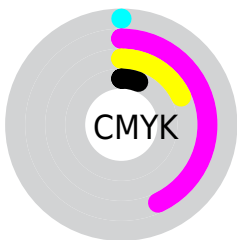
Distribution



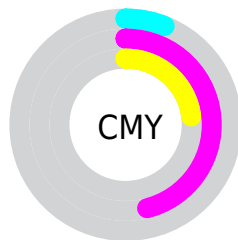
- Red (94%)
- Green (54%)
- Blue (77%)



- Red (94%)
- Yellow (54%)
- Blue (77%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (6%)




- Cyan (6%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2276, 0.3589, 0.2649 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 40.2276, 0.3589, 0.2649 by changing the saturation by 10% instead.


 40.2276, 0.3589,
0.2649


 40.2276, 0.3589,
0.2649


347.0819, 0.3361,
0.2960

 27.7160, 0.3645,
0.2575

 75.5100, 0.3507,
0.2760

 18.1117, 0.3716,
0.2481


 99.0496, 0.3476,
0.2802

 11.0302, 0.3809,
0.2360


 127.0340, 0.3450,
0.2838

 6.0872, 0.3936,
0.2196

159.8476, 0.3427,
0.2869

 2.8982, 0.4121,
0.1967

197.8748, 0.3407,
0.2896

 1.0788, 0.4409,
0.1623

241.5000, 0.3390,

 0.0000, 0.5507,

0.2920

0.0000

291.1076, 0.3375,
0.2941

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.2276, 0.3589,
0.2649

40.2276, 0.3589,
0.2649

33.7269, 0.3748,
0.2510

48.2674, 0.3450,
0.2800

28.6586, 0.3926,
0.2394

57.9324, 0.3331,
0.2955

24.9112, 0.4118,
0.2312

69.3091, 0.3231,
0.3107

22.3542, 0.4317,
0.2277

82.4762, 0.3147,
0.3253

■ 20.8298, 0.4515,
0.2296

■ 96.5430, 0.3078,
0.3375

■ 20.1905, 0.4657,
0.2339

■ 97.0869, 0.3029,
0.3290

Harmonies

Analogous

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



40.2276, 0.2869, 0.2330



40.2276, 0.3589, 0.2649



40.2276, 0.4229, 0.3107

Triad

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



40.2276, 0.3589, 0.2649



40.2276, 0.3915, 0.4522



40.2276, 0.1901, 0.2697

Complementary

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



40.2276, 0.3589, 0.2649



70.3341, 0.2842, 0.4045

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.



40.2276, 0.2113, 0.3344



40.2276, 0.3589, 0.2649



40.2276, 0.3255, 0.4546

Square

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



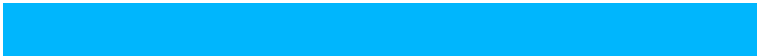
40.2276, 0.3589, 0.2649



40.2276, 0.4394, 0.4146



40.2276, 0.2596, 0.4083



40.2276, 0.1966, 0.2317

Rectangle

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



40.2276, 0.3589, 0.2649



40.2276, 0.4478, 0.3454



40.2276, 0.2596, 0.4083



40.2276, 0.1941, 0.2886

Sweetspot

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



40.2295, 0.3589, 0.2649



79.7758, 0.3234, 0.3101



33.7702, 0.2654, 0.2073



16.4164, 0.3255, 0.3068



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.



40.2295, 0.3589, 0.2649



40.0946, 0.3723, 0.2529



38.3032, 0.4149, 0.3198



15.9122, 0.3203, 0.3154



11.1868, 0.4627, 0.2323



0.9505, 0.4389, 0.2192

Inverse Universe

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



40.2295, 0.3589, 0.2649



40.0946, 0.3723, 0.2529



72.7802, 0.2587, 0.3391



15.9122, 0.3203, 0.3154



11.1868, 0.4627, 0.2323



0.9505, 0.4389, 0.2192

Previews

White Background



This preview shows how the Yxy color 40.2276, 0.3589, 0.2649 looks on a white background.

Color Contrast Check

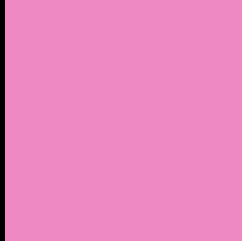
Large Text (above 18pt) WCAG AA × Fail

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 40.2276, 0.3589, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

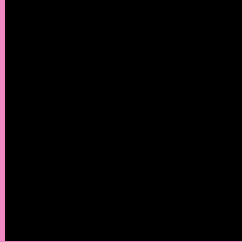
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2276, 0.3589, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 40.2276, 0.3589, 0.2649.

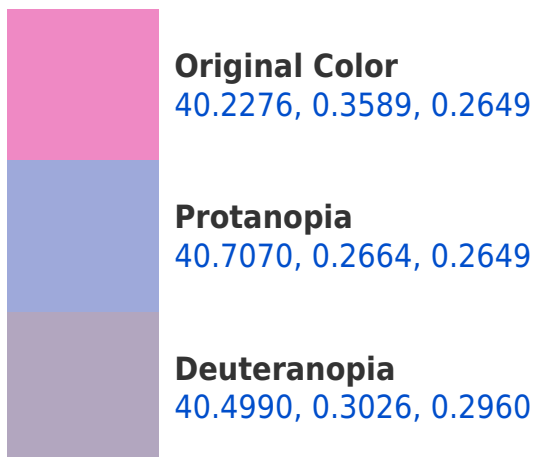


This preview shows how white text looks on a background with the Yxy color 40.2276, 0.3589, 0.2649.

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





Tritanopia

40.3133, 0.3959, 0.3167

Trichromacy



Original Color

40.2276, 0.3589, 0.2649



Protanomaly

39.3319, 0.2950, 0.2626



Deuteranomaly

39.5723, 0.3216, 0.2818



Tritanomaly

40.1191, 0.3815, 0.2965

Monochromacy



Original Color

40.2276, 0.3589, 0.2649



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.8729, 0.3291, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2276, 0.3589, 0.2649 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, 137, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 137, 196)  
}
```

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, 137, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 137, 196) }
```

Border

The CSS property to change the border of an element to Yxy 40.2276, 0.3589, 0.2649 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, 137, 196) }
```

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

```
.border{ border-color:rgb(239, 137, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 137, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 137, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 137, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 137,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2276, 0.3589, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 137, 196) }
```

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

```
.background{ background-color: rgb(239,  
137, 196) }
```

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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