

Converting Colors

$Y_{xy}(38.2652, 0.3605, 0.2575)$

Have a look what the booklet for
Yxy(38.2652, 0.3605, 0.2575)
contains.

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Color

Yxy(38.3015, 0.3602, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	EF82C4
RGB	239, 130, 196
RGB Percent	94%, 51%, 77%
CMY	0.0628, 0.4901, 0.2314
CMYK	0.00, 0.46, 0.18, 0.06
HSL	324°, 77%, 72%
HSV	324°, 46%, 94%
XYZ	53.5359, 38.3015, 56.7909
YIQ	170.1150, 43.7780, 43.6340

Conversions

Conversions Part 2

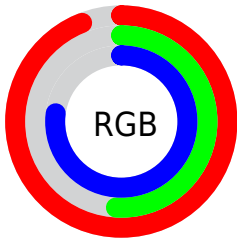
Format	Color
R_{YB}	239, 130, 196
Decimal	15696580
CIE _{Lab}	68.24, 49.81, -15.75
CIE _{LCh}	68, 52.242, 342.458
Yxy	38.3015, 0.3602, 0.2577
Android (android.graphics.Color)	4293886660 (0xFFEF82C4)
YUV	170.1150, 12.7613, 60.4121
Hunter-Lab	61.8882, 46.1056, -11.0849

Details

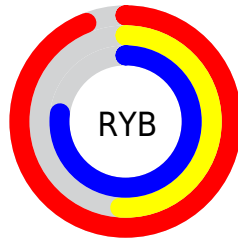
The Yxy color **38.3015, 0.3602, 0.2577** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.4837, 0.2842, 0.4147**, and the grayscale version is **40.1800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0498, 0.3174, 0.2622**, and **16.9456, 0.3739, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **32.2499, 0.3755, 0.2438**, and if you desaturate by 10%, it is **45.8599, 0.3467, 0.2732**.

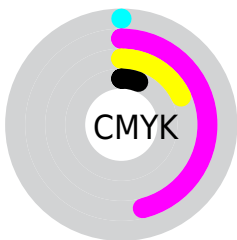
Distribution



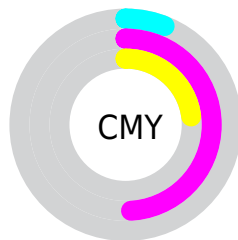
- Red (94%)
- Green (51%)
- Blue (77%)



- Red (94%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (46%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3015, 0.3602, 0.2577 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 38.3015, 0.3602, 0.2577 by changing the saturation by 10% instead.


 38.3015, 0.3602,
0.2577


 38.3015, 0.3602,
0.2577


338.9116, 0.3368,
0.2923


 26.2168, 0.3659,
0.2494


 72.5700, 0.3518,
0.2700

 16.9859, 0.3732,
0.2390


 95.5226, 0.3486,
0.2747

 10.2244, 0.3827,
0.2256


 122.8666, 0.3459,
0.2787

 5.5480, 0.3957,
0.2075

154.9864, 0.3436,
0.2822

 2.5722, 0.4144,
0.1822

192.2664, 0.3415,
0.2852

 0.9127, 0.4435,
0.1449

235.0910, 0.3398,

 0.0000, 0.5405,

0.2878

0.0000

283.8446, 0.3382,
0.2902

0.0000, 0.0000,
0.0000

38.3015, 0.3602,
0.2577

38.3015, 0.3602,
0.2577

32.2499, 0.3755,
0.2438

45.8599, 0.3467,
0.2732

27.5954, 0.3923,
0.2325

55.0139, 0.3350,
0.2893

24.2224, 0.4103,
0.2250


65.8516, 0.3251,
0.3053

21.9937, 0.4286,
0.2225


78.4532, 0.3168,
0.3207

20.7405, 0.4466,
0.2253

92.8937, 0.3098,
0.3353

 20.3814, 0.4544,
0.2277

 96.9302, 0.3043,
0.3314

 97.0864, 0.3029,
0.3290

Harmonies

Analogous

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



38.3015, 0.2814, 0.2242



38.3015, 0.3602, 0.2577



38.3015, 0.4319, 0.3063

Triad

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



38.3015, 0.3602, 0.2577



38.3015, 0.3999, 0.4625



38.3015, 0.1801, 0.2653

Complementary

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



38.3015, 0.3602, 0.2577



69.4837, 0.2842, 0.4147

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.



38.3015, 0.2035, 0.3372



38.3015, 0.3602, 0.2577



38.3015, 0.3282, 0.4692

Square

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



38.3015, 0.3602, 0.2577



38.3015, 0.4520, 0.4187



38.3015, 0.2563, 0.4198



38.3015, 0.1862, 0.2237

Rectangle

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



38.3015, 0.3602, 0.2577



38.3015, 0.4602, 0.3433



38.3015, 0.2563, 0.4198



38.3015, 0.1845, 0.2862

Sweetspot

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



38.3033, 0.3602, 0.2577



78.4256, 0.3237, 0.3077



30.9490, 0.2582, 0.1972



16.1532, 0.3257, 0.3043



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.



38.3033, 0.3602, 0.2577



37.6192, 0.3748, 0.2443



36.2933, 0.4213, 0.3152



15.9196, 0.3198, 0.3148



11.2924, 0.4517, 0.2262



0.9589, 0.4298, 0.2141

Inverse Universe

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



38.3033, 0.3602, 0.2577



37.6192, 0.3748, 0.2443



71.9718, 0.2576, 0.3444



15.9196, 0.3198, 0.3148



11.2924, 0.4517, 0.2262



0.9589, 0.4298, 0.2141

Previews

White Background



This preview shows how the Yxy color 38.3015, 0.3602, 0.2577 looks on a white background.

Color Contrast Check

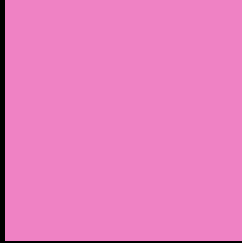
Large Text (above 18pt) WCAG AA × Fail

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 38.3015, 0.3602, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

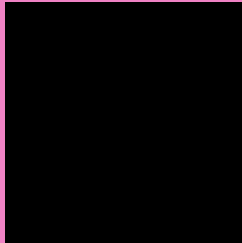
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3015, 0.3602, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 38.3015, 0.3602, 0.2577.



This preview shows how white text looks on a background with the Yxy color 38.3015, 0.3602, 0.2577.

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

38.3015, 0.3602, 0.2577

Protanopia

38.7530, 0.2601, 0.2563

Deuteranopia

38.6827, 0.2981, 0.2926



Tritanopia

38.1597, 0.4039, 0.3167

Trichromacy



Original Color

38.3015, 0.3602, 0.2577



Protanomaly

37.3500, 0.2915, 0.2546



Deuteranomaly

37.6748, 0.3190, 0.2773



Tritanomaly

38.2312, 0.3878, 0.2943

Monochromacy



Original Color

38.3015, 0.3602, 0.2577



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.2995, 0.3298, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3015, 0.3602, 0.2577 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, 130, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 130, 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, 130, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 130, 196) }
```

Border

The CSS property to change the border of an element to Yxy 38.3015, 0.3602, 0.2577 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, 130, 196) }
```

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

```
.border{ border-color:rgb(239, 130, 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, 130, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 130, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 130, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 130,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3015, 0.3602, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 130, 196) }
```

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

```
.background{ background-color: rgb(239,  
130, 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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