

Converting Colors

$Y_{xy}(42.2905, 0.3397, 0.2618)$

Have a look what the booklet for
Yxy(42.2905, 0.3397, 0.2618)
contains.

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Color

Yxy(42.2186, 0.3398, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	E892CF
RGB	232, 146, 207
RGB Percent	91%, 57%, 81%
CMY	0.0902, 0.4274, 0.1883
CMYK	0.00, 0.37, 0.11, 0.09
HSL	317°, 65%, 74%
HSV	317°, 37%, 91%
XYZ	54.8180, 42.2186, 64.2878
YIQ	178.6680, 31.6750, 37.2030

Conversions

Conversions Part 2

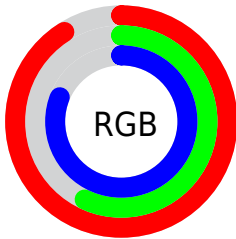
Format	Color
R _Y B	232, 146, 207
Decimal	15241935
CIE Lab	71.02, 41.10, -17.75
CIE LCh	71, 44.772, 336.646
Yxy	42.2186, 0.3398, 0.2617
Android (android.graphics.Color)	4293432015 (0xFFE892CF)
YUV	178.6680, 13.9677, 46.7722
Hunter-Lab	64.9758, 36.8870, -13.1791

Details

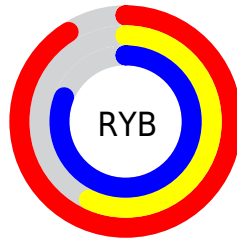
The Yxy color $42.2186, 0.3398, 0.2617$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $66.7627, 0.2936, 0.4078$, and the grayscale version is $44.8065, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $19.2426, 0.3461, 0.2436$ is the 20% darker color. If you saturate the color by 10%, you get $35.4557, 0.3498, 0.2442$, and if you desaturate by 10%, it is $50.4506, 0.3310, 0.2801$.

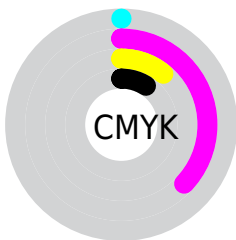
Distribution



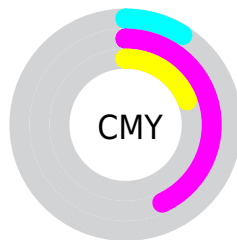
- Red (91%)
- Green (57%)
- Blue (81%)



- Red (91%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2186, 0.3398, 0.2617 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 42.2186, 0.3398, 0.2617 by changing the saturation by 10% instead.

 42.2186, 0.3398,
0.2617

 42.2186, 0.3398,
0.2617

355.3883, 0.3270,
0.2939

 29.2725, 0.3428,
0.2541


 78.5304, 0.3353,
0.2731

 19.2871, 0.3465,
0.2446


 102.6648, 0.3336,
0.2774

 11.8779, 0.3513,
0.2324


131.2975, 0.3321,
0.2812

 6.6606, 0.3575,
0.2162

164.8128, 0.3308,
0.2844

 3.2508, 0.3661,
0.1937

203.5952, 0.3296,
0.2872

 1.2640, 0.3783,
0.1607

248.0289, 0.3286,

 0.1131, 0.4263,

0.2897

0.0423

298.4985, 0.3278,
0.2919

0.0000, 0.2701,
0.0000

0.0000, 0.0000,
0.0000

42.2186, 0.3398,
0.2617

42.2186, 0.3398,
0.2617

35.4557, 0.3498,
0.2442

50.4506, 0.3310,
0.2801

30.0677, 0.3608,
0.2285

60.2271, 0.3233,
0.2987

25.9583, 0.3726,
0.2157

71.6250, 0.3167,
0.3167

23.0164, 0.3849,
0.2070

84.7146, 0.3112,
0.3340

■ 21.1117, 0.3972,
0.2030

■ 95.0091, 0.3067,
0.3433

■ 20.0753, 0.4092,
0.2039

■ 95.4191, 0.3029,
0.3365

■ 19.8550, 0.4127,
0.2047

■ 95.8442, 0.2992,
0.3297

■ 95.8949, 0.2987,
0.3290

Harmonies

Analogous

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



42.2186, 0.2755, 0.2358



42.2186, 0.3398, 0.2617



42.2186, 0.4019, 0.3021

Triad

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



42.2186, 0.3398, 0.2617



42.2186, 0.3979, 0.4365



42.2186, 0.2017, 0.2871

Complementary

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



42.2186, 0.3398, 0.2617



66.7627, 0.2936, 0.4078

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.



42.2186, 0.2279, 0.3501



42.2186, 0.3398, 0.2617



42.2186, 0.3399, 0.4463

Square

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



42.2186, 0.3398, 0.2617



42.2186, 0.4353, 0.3986



42.2186, 0.2776, 0.4137



42.2186, 0.2018, 0.2455

Rectangle

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



42.2186, 0.3398, 0.2617



42.2186, 0.4300, 0.3338



42.2186, 0.2776, 0.4137



42.2186, 0.2075, 0.3063

Sweetspot

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



42.2205, 0.3398, 0.2617



82.8766, 0.3192, 0.3096



34.9743, 0.2637, 0.2222



17.3251, 0.3201, 0.3071



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.



42.2205, 0.3398, 0.2617



46.1392, 0.3468, 0.2490



40.4193, 0.3832, 0.3078



14.5400, 0.3182, 0.3125



11.0462, 0.4109, 0.2037



0.8322, 0.3946, 0.1948

Inverse Universe

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



42.2205, 0.3398, 0.2617



46.1392, 0.3468, 0.2490



68.6448, 0.2705, 0.3519



14.5400, 0.3182, 0.3125



11.0462, 0.4109, 0.2037



0.8322, 0.3946, 0.1948

Previews

White Background



This preview shows how the Yxy color 42.2186, 0.3398, 0.2617 looks on a white background.

Color Contrast Check

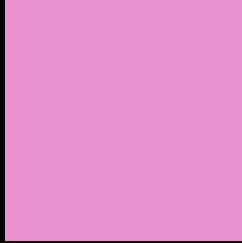
Large Text (above 18pt) WCAG AA × Fail

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 42.2186, 0.3398, 0.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

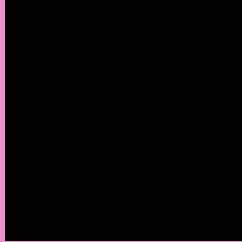
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2186, 0.3398, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 42.2186, 0.3398, 0.2617.



This preview shows how white text looks on a background with the Yxy color 42.2186, 0.3398, 0.2617.

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

42.2186, 0.3398, 0.2617

Protanopia

42.4149, 0.2638, 0.2611

Deuteranopia

42.4084, 0.2923, 0.2864



Tritanopia

42.1953, 0.3743, 0.3151

Trichromacy



Original Color

42.2186, 0.3398, 0.2617



Protanomaly

41.6954, 0.2881, 0.2612



Deuteranomaly

41.7197, 0.3088, 0.2761



Tritanomaly

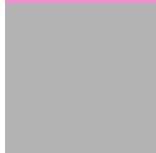
42.1274, 0.3618, 0.2947

Monochromacy



Original Color

42.2186, 0.3398, 0.2617



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.3173, 0.3222, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2186, 0.3398, 0.2617 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(232, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 146, 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(232, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 146, 207) }
```

Border

The CSS property to change the border of an element to Yxy 42.2186, 0.3398, 0.2617 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(232, 146, 207) }
```

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

```
.border{ border-color:rgb(232, 146, 207) }
```

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

Here you see how a box with a 4 pixel rgb(232, 146, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 146,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2186, 0.3398, 0.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 146, 207) }
```

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

```
.background{ background-color: rgb(232,  
146, 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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