

Converting Colors

$Y_{xy}(42.7962, 0.3474, 0.2592)$

Have a look what the booklet for
Yxy(42.7962, 0.3474, 0.2592)
contains.

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Color

Yxy(42.8998, 0.3477, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	F18FD0
RGB	241, 143, 208
RGB Percent	95%, 56%, 82%
CMY	0.0550, 0.4392, 0.1842
CMYK	0.00, 0.41, 0.14, 0.05
HSL	320°, 78%, 75%
HSV	320°, 41%, 95%
XYZ	57.4808, 42.8998, 64.9366
YIQ	179.7120, 37.5430, 40.9910

Conversions

Conversions Part 2

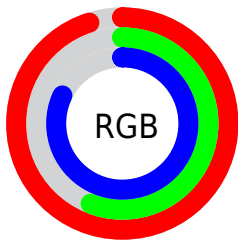
Format	Color
R _{YB}	241, 143, 208
Decimal	15830992
CIE _{Lab}	71.49, 45.73, -17.51
CIE _{LCh}	71, 48.967, 339.051
Y _{xy}	42.8998, 0.3477, 0.2595
Android (android.graphics.Color)	4294021072 (0xFFFF18FD0)
Y _{UV}	179.7120, 13.9460, 53.7496
Hunter-Lab	65.4979, 42.0296, -12.9333

Details

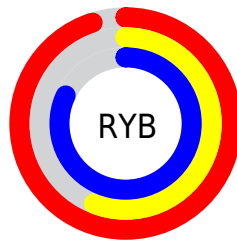
The Yxy color **42.8998, 0.3477, 0.2595** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.8759, 0.2896, 0.4113**, and the grayscale version is **45.3903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8682, 0.3153, 0.2732**, and **19.7127, 0.3557, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **36.0372, 0.3598, 0.2434**, and if you desaturate by 10%, it is **51.3407, 0.3370, 0.2767**.

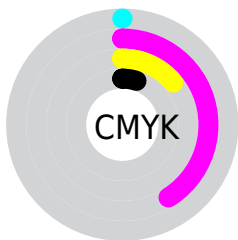
Distribution



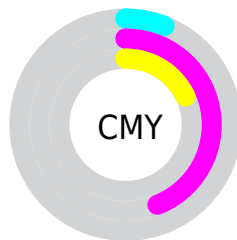
- Red (95%)
- Green (56%)
- Blue (82%)



- Red (95%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (5%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8998, 0.3477, 0.2595 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 42.8998, 0.3477, 0.2595 by changing the saturation by 10% instead.

 42.8998, 0.3477,
0.2595


 42.8998, 0.3477,
0.2595


358.1995, 0.3310,
0.2926

 29.8065, 0.3516,
0.2517


 79.5596, 0.3418,
0.2711

 19.6918, 0.3566,
0.2421


 103.8950, 0.3395,
0.2756

 12.1712, 0.3629,
0.2297


132.7464, 0.3376,
0.2795

 6.8604, 0.3713,
0.2133

166.4984, 0.3359,
0.2828

 3.3749, 0.3829,
0.1908

205.5353, 0.3345,
0.2857

 1.3305, 0.4000,
0.1581

250.2415, 0.3332,

 0.1646, 0.4519,

0.2883

0.0551

301.0015, 0.3320,
0.2905

0.0000, 0.5271,
0.0000

0.0000, 0.0000,
0.0000

42.8998, 0.3477,
0.2595

42.8998, 0.3477,
0.2595

36.0372, 0.3598,
0.2434

51.3407, 0.3370,
0.2767

30.6463, 0.3732,
0.2295

61.4458, 0.3277,
0.2943

26.6164, 0.3876,
0.2189

73.3019, 0.3198,
0.3115

23.8188, 0.4025,
0.2127

86.9877, 0.3131,
0.3280

■ 22.0995, 0.4173,
0.2116

■ 97.0303, 0.3078,
0.3353

■ 21.2324, 0.4308,
0.2147

■ 97.4380, 0.3041,
0.3290

Harmonies

Analogous

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



42.8998, 0.2772, 0.2304



42.8998, 0.3477, 0.2595



42.8998, 0.4142, 0.3035

Triad

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



42.8998, 0.3477, 0.2595



42.8998, 0.3998, 0.4475



42.8998, 0.1923, 0.2783

Complementary

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



42.8998, 0.3477, 0.2595



71.8759, 0.2896, 0.4113

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.



42.8998, 0.2176, 0.3455



42.8998, 0.3477, 0.2595



42.8998, 0.3358, 0.4564

Square

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



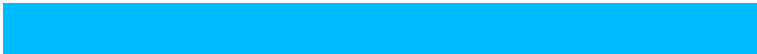
42.8998, 0.3477, 0.2595



42.8998, 0.4432, 0.4069



42.8998, 0.2691, 0.4172



42.8998, 0.1947, 0.2362

Rectangle

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



42.8998, 0.3477, 0.2595



42.8998, 0.4429, 0.3375



42.8998, 0.2691, 0.4172



42.8998, 0.1976, 0.2984

Sweetspot

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



42.9018, 0.3477, 0.2595



81.3611, 0.3208, 0.3091



35.1905, 0.2616, 0.2114



17.0196, 0.3218, 0.3069



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.



42.9018, 0.3477, 0.2595



42.0404, 0.3579, 0.2457



40.8619, 0.3989, 0.3111



15.9357, 0.3189, 0.3135



11.5417, 0.4285, 0.2134



0.9786, 0.4107, 0.2036

Inverse Universe

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



42.9018, 0.3477, 0.2595



42.0404, 0.3579, 0.2457



74.1596, 0.2647, 0.3485



15.9357, 0.3189, 0.3135



11.5417, 0.4285, 0.2134



0.9786, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 42.8998, 0.3477, 0.2595 looks on a white background.

Color Contrast Check

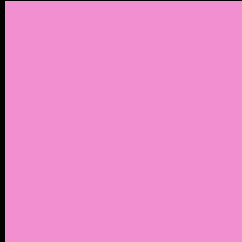
Large Text (above 18pt) WCAG AA × Fail

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 42.8998, 0.3477, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

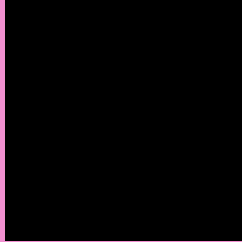
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8998, 0.3477, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 42.8998, 0.3477, 0.2595.



This preview shows how white text looks on a background with the Yxy color 42.8998, 0.3477, 0.2595.

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

42.8998, 0.3477, 0.2595

Protanopia

43.1214, 0.2621, 0.2581

Deuteranopia

43.0213, 0.2940, 0.2879



Tritanopia

42.9337, 0.3868, 0.3168

Trichromacy



Original Color

42.8998, 0.3477, 0.2595



Protanomaly

42.0083, 0.2892, 0.2573



Deuteranomaly

42.4541, 0.3125, 0.2757



Tritanomaly

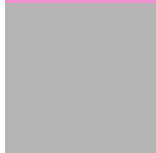
42.9267, 0.3730, 0.2957

Monochromacy



Original Color

42.8998, 0.3477, 0.2595



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9117, 0.3250, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8998, 0.3477, 0.2595 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(241, 143, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 143, 208)  
}
```

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(241, 143, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 143, 208) }
```

Border

The CSS property to change the border of an element to Yxy 42.8998, 0.3477, 0.2595 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(241, 143, 208) }
```

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

```
.border{ border-color:rgb(241, 143, 208) }
```

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

Here you see how a box with a 4 pixel rgb(241, 143, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 143, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 143, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 143,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8998, 0.3477, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 143, 208) }
```

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

```
.background{ background-color: rgb(241,  
143, 208) }
```

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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