

Converting Colors

$Y_{xy}(47.2519, 0.3714, 0.2978)$

Have a look what the booklet for
Yxy(47.2519, 0.3714, 0.2978)
contains.

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Color

Yxy(47.2519, 0.3714, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	F69DBA
RGB	246, 157, 186
RGB Percent	96%, 62%, 73%
CMY	0.0353, 0.3843, 0.2705
CMYK	0.00, 0.36, 0.24, 0.04
HSL	340°, 83%, 79%
HSV	340°, 36%, 96%
XYZ	58.9300, 47.2519, 52.4880
YIQ	186.9170, 43.7350, 27.8870

Conversions

Conversions Part 2

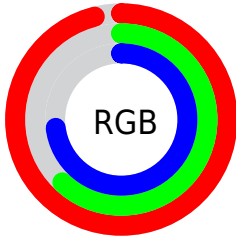
Format	Color
R _Y B	246, 157, 186
Decimal	16162234
CIE Lab	74.35, 36.91, -1.04
CIE LCh	74, 36.925, 358.384
Yxy	47.2519, 0.3714, 0.2978
Android (android.graphics.Color)	4294352314 (0xFFFF69DBA)
YUV	186.9170, -0.4521, 51.8158
Hunter-Lab	68.7400, 32.7309, 2.8458

Details

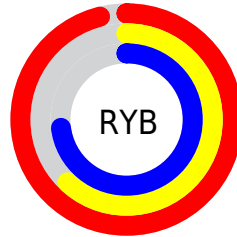
The Yxy color $47.2519, 0.3714, 0.2978$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $78.0908, 0.2761, 0.3631$, and the grayscale version is $49.6310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2593, 0.3235, 0.3003$, and $22.2855, 0.3880, 0.2890$ is the 20% darker color. If you saturate the color by 10%, you get $39.0865, 0.3962, 0.2893$, and if you desaturate by 10%, it is $57.1792, 0.3508, 0.3067$.

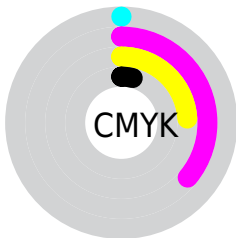
Distribution



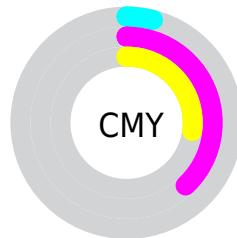
- Red (96%)
- Green (62%)
- Blue (73%)



- Red (96%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2519, 0.3714, 0.2978 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 47.2519, 0.3714, 0.2978 by changing the saturation by 10% instead.

 47.2519, 0.3714,
0.2978

 47.2519, 0.3714,
0.2978


375.8191, 0.3422,
0.3133

 33.2348, 0.3786,
0.2940


 86.0895, 0.3608,
0.3034

 22.3064, 0.3879,
0.2891


 111.6788, 0.3569,
0.3055

 14.0822, 0.4001,
0.2827


141.8944, 0.3535,
0.3073

 8.1779, 0.4170,
0.2739

177.1205, 0.3506,
0.3088

 4.2090, 0.4419,
0.2610

217.7417, 0.3481,
0.3101

 1.7911, 0.4817,
0.2405

264.1422, 0.3459,

 0.4816, 0.5770,

0.3113

0.1888

316.7066, 0.3439,
0.3123

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2519, 0.3714,
0.2978

47.2519, 0.3714,
0.2978

39.0865, 0.3962,
0.2893

57.1792, 0.3508,
0.3067

32.5725, 0.4252,
0.2821

68.9572, 0.3338,
0.3156

27.5970, 0.4581,
0.2773

82.6764, 0.3200,
0.3240

24.0301, 0.4933,
0.2762

98.1633, 0.3087,
0.3316

■ 21.7201, 0.5284,
0.2797

■ 98.3337, 0.3072,
0.3290

■ 20.4791, 0.5602,
0.2881

■ 20.1767, 0.5712,
0.2920

Harmonies

Analogous

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



47.2519, 0.3202, 0.2669



47.2519, 0.3714, 0.2978



47.2519, 0.4071, 0.3368

Triad

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



47.2519, 0.3714, 0.2978



47.2519, 0.3496, 0.4224



47.2519, 0.2201, 0.2698

Complementary

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



47.2519, 0.3714, 0.2978



78.0908, 0.2761, 0.3631

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.



47.2519, 0.2265, 0.3094



47.2519, 0.3714, 0.2978



47.2519, 0.2990, 0.4049

Square

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



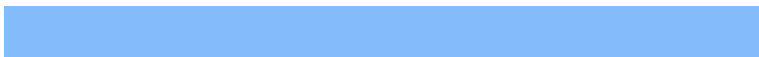
47.2519, 0.3714, 0.2978



47.2519, 0.3924, 0.4095



47.2519, 0.2543, 0.3607



47.2519, 0.2355, 0.2498

Rectangle

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



47.2519, 0.3714, 0.2978



47.2519, 0.4154, 0.3639



47.2519, 0.2543, 0.3607



47.2519, 0.2198, 0.2810

Sweetspot

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



47.2541, 0.3714, 0.2978



82.2328, 0.3263, 0.3200



45.4181, 0.2922, 0.2323



17.1717, 0.3282, 0.3189



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.



47.2541, 0.3714, 0.2978



44.9591, 0.3880, 0.2919



51.4698, 0.3947, 0.3454



16.5716, 0.3242, 0.3213



10.7919, 0.5669, 0.2896



0.9666, 0.5317, 0.2703

Inverse Universe

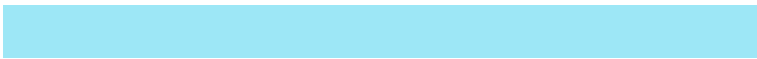
The Inverse Universe completely reimagines the original color for something new.



47.2541, 0.3714, 0.2978



44.9591, 0.3880, 0.2919



71.0696, 0.2595, 0.3117



16.5716, 0.3242, 0.3213



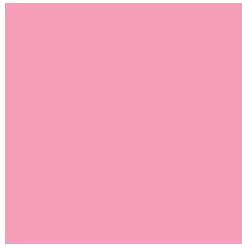
10.7919, 0.5669, 0.2896



0.9666, 0.5317, 0.2703

Previews

White Background



This preview shows how the Yxy color 47.2519, 0.3714, 0.2978 looks on a white background.

Color Contrast Check

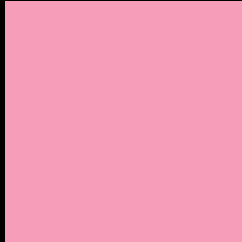
Large Text (above 18pt) WCAG AA × Fail

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 47.2519, 0.3714, 0.2978 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 47.2519, 0.3714, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 47.2519, 0.3714, 0.2978.



This preview shows how white text looks on a background with the Yxy color 47.2519, 0.3714, 0.2978.

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

47.2519, 0.3714, 0.2978

Protanopia

47.4967, 0.2973, 0.3048

Deuteranopia

47.2392, 0.3298, 0.3228



Tritanopia

47.0079, 0.3829, 0.3150

Trichromacy



Original Color

47.2519, 0.3714, 0.2978



Protanomaly

46.8518, 0.3220, 0.3012



Deuteranomaly

46.9201, 0.3445, 0.3136



Tritanomaly

47.0405, 0.3792, 0.3085

Monochromacy



Original Color

47.2519, 0.3714, 0.2978



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.0484, 0.3319, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2519, 0.3714, 0.2978 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(246, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 157, 186)  
}
```

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(246, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 157, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.2519, 0.3714, 0.2978 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(246, 157, 186) }
```

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

```
.border{ border-color:rgb(246, 157, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 157, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 157, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 157, 186);  
box-shadow:4px 4px 4px 4px rgb(246, 157,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2519, 0.3714, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 157, 186) }
```

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

```
.background{ background-color: rgb(246,  
157, 186) }
```

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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