

Converting Colors

$Y_{xy}(47.3238, 0.3623, 0.2923)$

Have a look what the booklet for
Yxy(47.3238, 0.3623, 0.2923)
contains.

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Color

Yxy(47.3142, 0.3625, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	F39EC0
RGB	243, 158, 192
RGB Percent	95%, 62%, 75%
CMY	0.0472, 0.3803, 0.2470
CMYK	0.00, 0.35, 0.21, 0.05
HSL	336°, 78%, 79%
HSV	336°, 35%, 95%
XYZ	58.6975, 47.3142, 55.9124
YIQ	187.2910, 39.7460, 28.5940

Conversions

Conversions Part 2

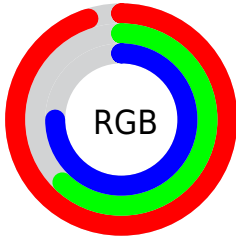
Format	Color
R_{YB}	243, 158, 192
Decimal	15965888
CIE _{Lab}	74.39, 36.18, -4.31
CIE _{LCh}	74, 36.434, 353.204
Yxy	47.3142, 0.3625, 0.2922
Android (android.graphics.Color)	4294155968 (0xFFFF39EC0)
YUV	187.2910, 2.3215, 48.8568
Hunter-Lab	68.7853, 31.9474, -0.0443

Details

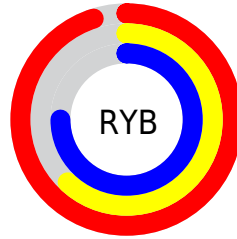
The Yxy color **47.3142, 0.3625, 0.2922** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.9597, 0.2805, 0.3695**, and the grayscale version is **49.8384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1304, 0.3193, 0.2956**, and **22.2815, 0.3754, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **39.2150, 0.3837, 0.2817**, and if you desaturate by 10%, it is **57.1204, 0.3447, 0.3031**.

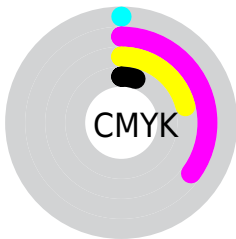
Distribution



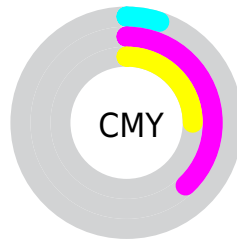
- Red (95%)
- Green (62%)
- Blue (75%)



- Red (95%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3142, 0.3625, 0.2922 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 47.3142, 0.3625, 0.2922 by changing the saturation by 10% instead.


 47.3142, 0.3625,
0.2922


 47.3142, 0.3625,
0.2922


376.0673, 0.3379,
0.3102

 33.2841, 0.3686,
0.2879


 86.1824, 0.3536,
0.2986

 22.3442, 0.3763,
0.2824


 111.7894, 0.3503,
0.3011

 14.1100, 0.3864,
0.2752


142.0240, 0.3474,
0.3031

 8.1972, 0.4005,
0.2654

177.2709, 0.3450,
0.3049

 4.2214, 0.4209,
0.2513

217.9142, 0.3429,
0.3065

 1.7982, 0.4535,
0.2296

264.3384, 0.3410,

 0.4860, 0.5245,

0.3079

0.1755

316.9280, 0.3394,
0.3091

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3142, 0.3625,
0.2922

47.3142, 0.3625,
0.2922

39.2150, 0.3837,
0.2817

57.1204, 0.3447,
0.3031

32.7173, 0.4086,
0.2724

68.7179, 0.3300,
0.3139

27.7141, 0.4367,
0.2655

82.1931, 0.3179,
0.3241

24.0824, 0.4672,
0.2623

97.4920, 0.3080,
0.3336

■ 21.6793, 0.4984,
0.2639

■ 97.7902, 0.3053,
0.3290

■ 20.3295, 0.5280,
0.2710

■ 19.9172, 0.5420,
0.2759

Harmonies

Analogous

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



47.3142, 0.3111, 0.2636



47.3142, 0.3625, 0.2922



47.3142, 0.4015, 0.3298

Triad

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



47.3142, 0.3625, 0.2922



47.3142, 0.3574, 0.4208



47.3142, 0.2208, 0.2761

Complementary

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



47.3142, 0.3625, 0.2922



75.9597, 0.2805, 0.3695

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.



47.3142, 0.2309, 0.3181



47.3142, 0.3625, 0.2922



47.3142, 0.3078, 0.4090

Square

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



47.3142, 0.3625, 0.2922



47.3142, 0.3969, 0.4040



47.3142, 0.2618, 0.3689



47.3142, 0.2324, 0.2528

Rectangle

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



47.3142, 0.3625, 0.2922



47.3142, 0.4132, 0.3567



47.3142, 0.2618, 0.3689



47.3142, 0.2217, 0.2883

Sweetspot

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



47.3164, 0.3625, 0.2922



83.8493, 0.3237, 0.3190



44.2782, 0.2872, 0.2342



17.4987, 0.3254, 0.3176



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.



47.3164, 0.3625, 0.2922



46.1590, 0.3773, 0.2846



48.4652, 0.3936, 0.3370



16.5924, 0.3231, 0.3196



10.9588, 0.5379, 0.2737



0.9829, 0.5048, 0.2554

Inverse Universe

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



47.3164, 0.3625, 0.2922



46.1590, 0.3773, 0.2846



73.6710, 0.2622, 0.3207



16.5924, 0.3231, 0.3196



10.9588, 0.5379, 0.2737



0.9829, 0.5048, 0.2554

Previews

White Background



This preview shows how the Yxy color 47.3142, 0.3625, 0.2922 looks on a white background.

Color Contrast Check

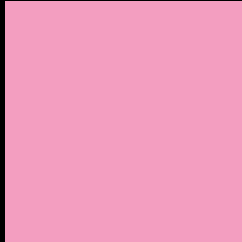
Large Text (above 18pt) WCAG AA × Fail

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 47.3142, 0.3625, 0.2922 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 47.3142, 0.3625, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 47.3142, 0.3625, 0.2922.



This preview shows how white text looks on a background with the Yxy color 47.3142, 0.3625, 0.2922.

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

47.3142, 0.3625, 0.2922

Protanopia

47.6642, 0.2921, 0.2975

Deuteranopia

47.6137, 0.3229, 0.3166



Tritanopia

47.2076, 0.3785, 0.3159

Trichromacy



Original Color

47.3142, 0.3625, 0.2922



Protanomaly

46.8479, 0.3152, 0.2940



Deuteranomaly

47.2470, 0.3372, 0.3077



Tritanomaly

47.3141, 0.3728, 0.3072

Monochromacy



Original Color

47.3142, 0.3625, 0.2922



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.9902, 0.3293, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3142, 0.3625, 0.2922 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(243, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(243, 158, 192)  
}
```

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(243, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 158, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.3142, 0.3625, 0.2922 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(243, 158, 192) }
```

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

```
.border{ border-color:rgb(243, 158, 192) }
```

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

Here you see how a box with a 4 pixel rgb(243, 158, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 158,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3142, 0.3625, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 158, 192) }
```

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

```
.background{ background-color: rgb(243,  
158, 192) }
```

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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