

Converting Colors

$Y_{xy}(41.5734, 0.3741, 0.2921)$

Have a look what the booklet for
Yxy(41.5734, 0.3741, 0.2921)
contains.

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Color

Yxy(41.4697, 0.3742, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	ED91B2
RGB	237, 145, 178
RGB Percent	93%, 57%, 70%
CMY	0.0705, 0.4314, 0.3020
CMYK	0.00, 0.39, 0.25, 0.07
HSL	338°, 72%, 75%
HSV	338°, 39%, 93%
XYZ	53.0892, 41.4697, 47.3149
YIQ	176.2700, 44.2390, 29.7670

Conversions

Conversions Part 2

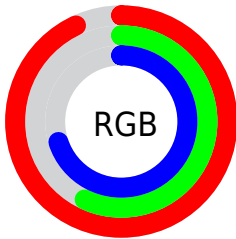
Format	Color
R _Y B	237, 145, 178
Decimal	15569330
CIE Lab	70.50, 38.91, -2.34
CIE LCh	71, 38.984, 356.555
Yxy	41.4697, 0.3742, 0.2923
Android (android.graphics.Color)	4293759410 (0xFFED91B2)
YUV	176.2700, 0.8529, 53.2602
Hunter-Lab	64.3970, 34.4615, 1.5153

Details

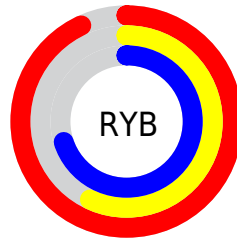
The Yxy color **41.4697, 0.3742, 0.2923** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.9601, 0.2755, 0.3698**, and the grayscale version is **43.5430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5091, 0.3304, 0.2949**, and **18.8931, 0.3925, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **34.3910, 0.3986, 0.2832**, and if you desaturate by 10%, it is **50.1310, 0.3537, 0.3020**.

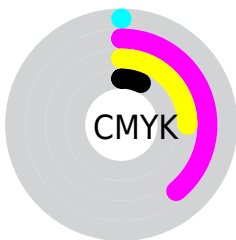
Distribution



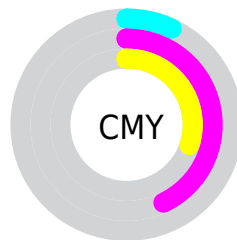
- Red (93%)
- Green (57%)
- Blue (70%)



- Red (93%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (7%)




- Cyan (7%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4697, 0.3742, 0.2923 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 41.4697, 0.3742, 0.2923 by changing the saturation by 10% instead.


 41.4697, 0.3742,
0.2923

 41.4697, 0.3742,
0.2923


352.2799, 0.3430,
0.3107

 28.6863, 0.3821,
0.2877


 77.3964, 0.3628,
0.2990

 18.8436, 0.3923,
0.2817


 101.3085, 0.3585,
0.3015

 11.5573, 0.4060,
0.2738


129.6989, 0.3549,
0.3037

 6.4430, 0.4253,
0.2628

162.9520, 0.3519,
0.3055

 3.1163, 0.4544,
0.2463

201.4523, 0.3492,
0.3071

 1.1927, 0.5028,
0.2195

245.5841, 0.3469,

 0.0558, 0.7834,

0.3084

0.0431

295.7319, 0.3448,
0.3097

0.0000, 0.0000,
0.0000

41.4697, 0.3742,
0.2923

41.4697, 0.3742,
0.2923

34.3910, 0.3986,
0.2832

50.1310, 0.3537,
0.3020

28.7919, 0.4269,
0.2758

60.4574, 0.3368,
0.3118

24.5668, 0.4585,
0.2710

72.5331, 0.3229,
0.3212

21.5933, 0.4921,
0.2704

86.4344, 0.3115,
0.3300

19.7266, 0.5251,
0.2747

96.6843, 0.3023,
0.3299

■ 18.7521, 0.5550,
0.2838

■ 96.7477, 0.3017,
0.3290

■ 18.6628, 0.5584,
0.2850

Harmonies

Analogous

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



41.4697, 0.3171, 0.2596



41.4697, 0.3742, 0.2923



41.4697, 0.4153, 0.3341

Triad

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



41.4697, 0.3742, 0.2923



41.4697, 0.3559, 0.4323



41.4697, 0.2114, 0.2657

Complementary

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



41.4697, 0.3742, 0.2923



70.9601, 0.2755, 0.3698

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.



41.4697, 0.2195, 0.3101



41.4697, 0.3742, 0.2923



41.4697, 0.3005, 0.4157

Square

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



41.4697, 0.3742, 0.2923



41.4697, 0.4022, 0.4153



41.4697, 0.2509, 0.3675



41.4697, 0.2266, 0.2430

Rectangle

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



41.4697, 0.3742, 0.2923



41.4697, 0.4257, 0.3637



41.4697, 0.2509, 0.3675



41.4697, 0.2114, 0.2783

Sweetspot

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



41.4717, 0.3742, 0.2923



80.8060, 0.3270, 0.3182



39.1015, 0.2876, 0.2244



16.8891, 0.3288, 0.3170



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.



41.4717, 0.3742, 0.2923



41.8485, 0.3943, 0.2846



44.2568, 0.4043, 0.3431



15.1433, 0.3237, 0.3206



10.2102, 0.5541, 0.2826



0.8196, 0.5158, 0.2615

Inverse Universe

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



41.4717, 0.3742, 0.2923



41.8485, 0.3943, 0.2846



65.8501, 0.2567, 0.3140



15.1433, 0.3237, 0.3206



10.2102, 0.5541, 0.2826



0.8196, 0.5158, 0.2615

Previews

White Background



This preview shows how the Yxy color 41.4697, 0.3742, 0.2923 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 41.4697, 0.3742, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

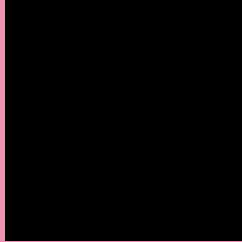
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4697, 0.3742, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 41.4697, 0.3742, 0.2923.



This preview shows how white text looks on a background with the Yxy color 41.4697, 0.3742, 0.2923.

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

41.4697, 0.3742, 0.2923

Protanopia

41.9461, 0.2934, 0.2996

Deuteranopia

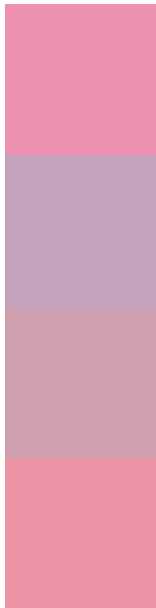
41.5122, 0.3271, 0.3199



Tritanopia

41.3452, 0.3915, 0.3167

Trichromacy



Original Color

41.4697, 0.3742, 0.2923

Protanomaly

40.9408, 0.3198, 0.2960

Deuteranomaly

41.0132, 0.3436, 0.3091

Tritanomaly

41.4535, 0.3854, 0.3077

Monochromacy



Original Color

41.4697, 0.3742, 0.2923

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0904, 0.3331, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4697, 0.3742, 0.2923 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(237, 145, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 145, 178)  
}
```

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(237, 145, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 145, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.4697, 0.3742, 0.2923 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(237, 145, 178) }
```

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

```
.border{ border-color:rgb(237, 145, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 145, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 145, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 145, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 145,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4697, 0.3742, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 145, 178) }
```

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

```
.background{ background-color: rgb(237,  
145, 178) }
```

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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