

Converting Colors

$Y_{xy}(41.5880, 0.3536, 0.2675)$

Have a look what the booklet for
Yxy(41.5880, 0.3536, 0.2675)
contains.

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Color

Yxy(41.4740, 0.3530, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	ED8EC7
RGB	237, 142, 199
RGB Percent	93%, 56%, 78%
CMY	0.0708, 0.4430, 0.2196
CMYK	0.00, 0.40, 0.16, 0.07
HSL	324°, 72%, 74%
HSV	324°, 40%, 93%
XYZ	54.8943, 41.4740, 59.1397
YIQ	176.9030, 38.3230, 37.8670

Conversions

Conversions Part 2

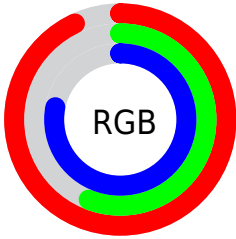
Format	Color
R _Y B	237, 142, 199
Decimal	15568583
CIE Lab	70.51, 43.52, -14.03
CIE LCh	71, 45.722, 342.128
Yxy	41.4740, 0.3530, 0.2667
Android (android.graphics.Color)	4293758663 (0xFFED8EC7)
YUV	176.9030, 10.8938, 52.7051
Hunter-Lab	64.4003, 39.4515, -9.3666

Details

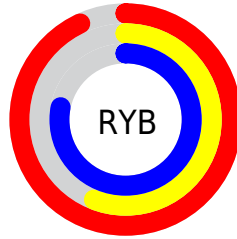
The Yxy color **41.4740, 0.3530, 0.2667** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.5904, 0.2867, 0.4017**, and the grayscale version is **43.8418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **18.7728, 0.3635, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **34.7300, 0.3675, 0.2519**, and if you desaturate by 10%, it is **49.7480, 0.3404, 0.2825**.

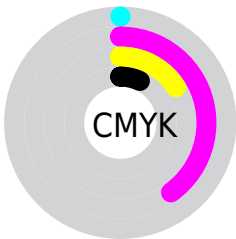
Distribution



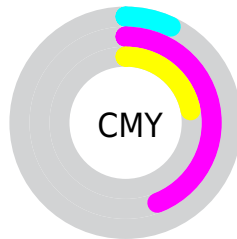
- Red (93%)
- Green (56%)
- Blue (78%)



- Red (93%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4740, 0.3530, 0.2667 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 41.4740, 0.3530, 0.2667 by changing the saturation by 10% instead.

 41.4740, 0.3530,
0.2667


 41.4740, 0.3530,
0.2667


352.2978, 0.3333,
0.2968

 28.6896, 0.3578,
0.2595


 77.4029, 0.3459,
0.2774

 18.8462, 0.3638,
0.2505


 101.3163, 0.3433,
0.2815

 11.5592, 0.3717,
0.2389


129.7081, 0.3410,
0.2849

 6.4443, 0.3825,
0.2232

162.9628, 0.3390,
0.2880

 3.1171, 0.3979,
0.2013

201.4647, 0.3373,
0.2906

 1.1932, 0.4218,
0.1685

245.5982, 0.3358,

 0.0561, 0.5103,

0.2929

0.0250

295.7478, 0.3345,
0.2949

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.4740, 0.3530,
0.2667

41.4740, 0.3530,
0.2667

34.7300, 0.3675,
0.2519

49.7480, 0.3404,
0.2825

29.4138, 0.3838,
0.2391

59.6340, 0.3295,
0.2984

25.4201, 0.4015,
0.2295

71.2150, 0.3204,
0.3140

22.6261, 0.4200,
0.2243

84.5668, 0.3128,
0.3289

■ 20.8859, 0.4386,
0.2242

■ 96.1934, 0.3065,
0.3375

■ 19.9552, 0.4566,
0.2289

■ 96.7365, 0.3017,
0.3290

Harmonies

Analogous

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



41.4740, 0.2856, 0.2371



41.4740, 0.3530, 0.2667



41.4740, 0.4137, 0.3099

Triad

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



41.4740, 0.3530, 0.2667



41.4740, 0.3901, 0.4439



41.4740, 0.1971, 0.2761

Complementary

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



41.4740, 0.3530, 0.2667



69.5904, 0.2867, 0.4017

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.



41.4740, 0.2188, 0.3377



41.4740, 0.3530, 0.2667



41.4740, 0.3284, 0.4470

Square

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



41.4740, 0.3530, 0.2667



41.4740, 0.4336, 0.4084



41.4740, 0.2658, 0.4058



41.4740, 0.2020, 0.2384

Rectangle

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



41.4740, 0.3530, 0.2667



41.4740, 0.4383, 0.3428



41.4740, 0.2658, 0.4058



41.4740, 0.2014, 0.2944

Sweetspot

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



41.4759, 0.3530, 0.2667



81.2433, 0.3221, 0.3110



34.9827, 0.2664, 0.2147



16.9918, 0.3232, 0.3090



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.



41.4759, 0.3530, 0.2667



42.3843, 0.3647, 0.2545



39.6563, 0.4022, 0.3168



15.2058, 0.3199, 0.3150



10.9262, 0.4538, 0.2273



0.8769, 0.4304, 0.2144

Inverse Universe

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



41.4759, 0.3530, 0.2667



42.3843, 0.3647, 0.2545



71.7797, 0.2629, 0.3422



15.2058, 0.3199, 0.3150



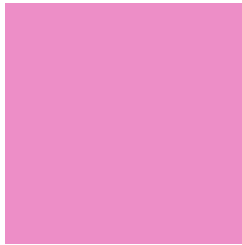
10.9262, 0.4538, 0.2273



0.8769, 0.4304, 0.2144

Previews

White Background



This preview shows how the Yxy color 41.4740, 0.3530, 0.2667 looks on a white background.

Color Contrast Check

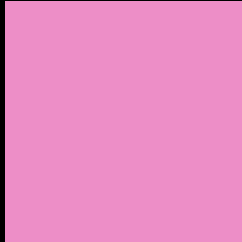
Large Text (above 18pt) WCAG AA × Fail

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 41.4740, 0.3530, 0.2667 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 41.4740, 0.3530, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 41.4740, 0.3530, 0.2667.



This preview shows how white text looks on a background with the Yxy color 41.4740, 0.3530, 0.2667.

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

41.4740, 0.3530, 0.2667

Protanopia

41.8174, 0.2683, 0.2668

Deuteranopia

41.6036, 0.3019, 0.2951



Tritanopia

41.3917, 0.3871, 0.3155

Trichromacy



Original Color

41.4740, 0.3530, 0.2667



Protanomaly

40.7139, 0.2953, 0.2645



Deuteranomaly

41.1993, 0.3195, 0.2834



Tritanomaly

41.1453, 0.3741, 0.2963

Monochromacy



Original Color

41.4740, 0.3530, 0.2667



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.1958, 0.3270, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4740, 0.3530, 0.2667 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, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 199)  
}
```

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, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 199) }
```

Border

The CSS property to change the border of an element to Yxy 41.4740, 0.3530, 0.2667 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, 142, 199) }
```

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

```
.border{ border-color:rgb(237, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 142, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 142, 199); box-shadow:4px 4px 4px 4px rgb(237, 142, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4740, 0.3530, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 199) }
```

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

```
.background{ background-color: rgb(237,  
142, 199) }
```

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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