

Converting Colors

$Y_{xy}(41.5315, 0.3426, 0.2692)$

Have a look what the booklet for
Yxy(41.5315, 0.3426, 0.2692)
contains.

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Color

Yxy(41.5315, 0.3426, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	E493C8
RGB	228, 147, 200
RGB Percent	89%, 58%, 78%
CMY	0.1059, 0.4235, 0.2156
CMYK	0.00, 0.36, 0.12, 0.11
HSL	321°, 60%, 74%
HSV	321°, 36%, 89%
XYZ	52.8555, 41.5315, 59.8905
YIQ	177.2610, 31.2630, 33.6550

Conversions

Conversions Part 2

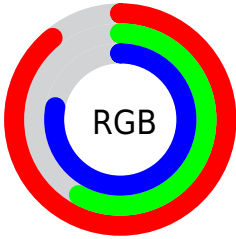
Format	Color
R _Y B	228, 147, 200
Decimal	14980040
CIE Lab	70.55, 38.12, -14.65
CIE LCh	71, 40.841, 338.979
Yxy	41.5315, 0.3426, 0.2692
Android (android.graphics.Color)	4293170120 (0xFFE493C8)
YUV	177.2610, 11.2103, 44.4981
Hunter-Lab	64.4449, 33.6208, -9.9884

Details

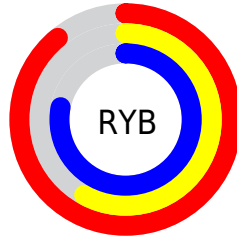
The Yxy color **41.5315, 0.3426, 0.2692** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.7825, 0.2918, 0.3978**, and the grayscale version is **44.0399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **18.9177, 0.3502, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **34.7725, 0.3543, 0.2526**, and if you desaturate by 10%, it is **49.7184, 0.3324, 0.2864**.

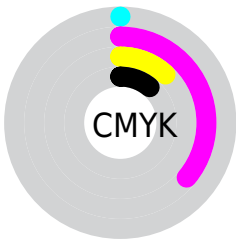
Distribution



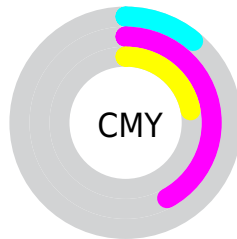
- Red (89%)
- Green (58%)
- Blue (78%)



- Red (89%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5315, 0.3426, 0.2692 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 41.5315, 0.3426, 0.2692 by changing the saturation by 10% instead.


 41.5315, 0.3426,
0.2692


 41.5315, 0.3426,
0.2692


352.5371, 0.3281,
0.2981

 28.7346, 0.3461,
0.2623

 77.4901, 0.3374,
0.2795

 18.8802, 0.3505,
0.2536


 101.4206, 0.3355,
0.2834

 11.5837, 0.3562,
0.2423


129.8310, 0.3338,
0.2868

 6.4609, 0.3638,
0.2272

163.1059, 0.3323,
0.2897

 3.1273, 0.3747,
0.2058

201.6296, 0.3311,
0.2922

 1.1986, 0.3912,
0.1737

245.7864, 0.3300,

 0.0605, 0.4630,

0.2944

0.0281

295.9608, 0.3290,
0.2964

0.0000, 0.0000,
0.0000

41.5315, 0.3426,
0.2692

41.5315, 0.3426,
0.2692

34.7725, 0.3543,
0.2526

49.7184, 0.3324,
0.2864

29.3520, 0.3674,
0.2377

59.4042, 0.3237,
0.3036

25.1793, 0.3817,
0.2254

70.6623, 0.3163,
0.3202

22.1500, 0.3968,
0.2169

83.5594, 0.3101,
0.3359

20.1427, 0.4122,
0.2132

94.2688, 0.3050,
0.3448

■ 19.0079, 0.4272,
0.2146

■ 94.7454, 0.3006,
0.3367

■ 18.6718, 0.4339,
0.2164

■ 95.2335, 0.2964,
0.3290

Harmonies

Analogous

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



41.5315, 0.2829, 0.2437



41.5315, 0.3426, 0.2692



41.5315, 0.3981, 0.3078

Triad

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



41.5315, 0.3426, 0.2692



41.5315, 0.3881, 0.4300



41.5315, 0.2091, 0.2872

Complementary

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



41.5315, 0.3426, 0.2692



64.7825, 0.2918, 0.3978

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.



41.5315, 0.2318, 0.3438



41.5315, 0.3426, 0.2692



41.5315, 0.3338, 0.4351

Square

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



41.5315, 0.3426, 0.2692



41.5315, 0.4240, 0.3974



41.5315, 0.2766, 0.4022



41.5315, 0.2108, 0.2502

Rectangle

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



41.5315, 0.3426, 0.2692



41.5315, 0.4223, 0.3377



41.5315, 0.2766, 0.4022



41.5315, 0.2139, 0.3044

Sweetspot

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



41.5334, 0.3426, 0.2692



82.7826, 0.3202, 0.3111



35.4686, 0.2696, 0.2282



17.3026, 0.3213, 0.3088



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.



41.5334, 0.3426, 0.2692



46.6347, 0.3515, 0.2563



39.9177, 0.3833, 0.3134



14.5262, 0.3191, 0.3137



10.8053, 0.4317, 0.2152



0.8158, 0.4114, 0.2040

Inverse Universe

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



41.5334, 0.3426, 0.2692



46.6347, 0.3515, 0.2563



66.5690, 0.2699, 0.3456



14.5262, 0.3191, 0.3137



10.8053, 0.4317, 0.2152



0.8158, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 41.5315, 0.3426, 0.2692 looks on a white background.

Color Contrast Check

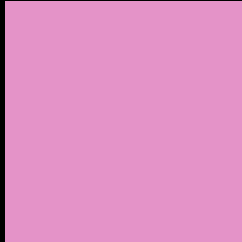
Large Text (above 18pt) WCAG AA × Fail

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 41.5315, 0.3426, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

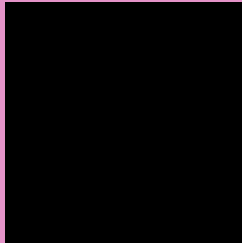
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5315, 0.3426, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 41.5315, 0.3426, 0.2692.



This preview shows how white text looks on a background with the Yxy color 41.5315, 0.3426, 0.2692.

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

41.5315, 0.3426, 0.2692

Protanopia

41.7651, 0.2710, 0.2704

Deuteranopia

41.5745, 0.2994, 0.2925



Tritanopia

41.6751, 0.3724, 0.3162

Trichromacy



Original Color

41.5315, 0.3426, 0.2692



Protanomaly

40.9329, 0.2943, 0.2689



Deuteranomaly

41.0431, 0.3149, 0.2829



Tritanomaly

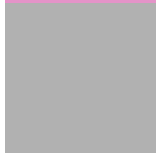
41.3551, 0.3609, 0.2976

Monochromacy



Original Color

41.5315, 0.3426, 0.2692



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.5110, 0.3240, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5315, 0.3426, 0.2692 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(228, 147, 200)` looks like.

```
.text, #text, p{  
    color:rgb(228, 147, 200)  
}
```

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(228, 147, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 147, 200) }
```

Border

The CSS property to change the border of an element to Yxy 41.5315, 0.3426, 0.2692 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(228, 147, 200) }
```

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

```
.border{ border-color:rgb(228, 147, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 147, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 147, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 147, 200);  
box-shadow:4px 4px 4px 4px rgb(228, 147,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5315, 0.3426, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 147, 200) }
```

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

```
.background{ background-color: rgb(228,  
147, 200) }
```

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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