

Converting Colors

$Y_{xy}(42.2205, 0.3619, 0.2915)$

Have a look what the booklet for
Yxy(42.2205, 0.3619, 0.2915)
contains.

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Color

Yxy(42.2205, 0.3619, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	E796B7
RGB	231, 150, 183
RGB Percent	91%, 59%, 72%
CMY	0.0940, 0.4118, 0.2822
CMYK	0.00, 0.35, 0.21, 0.09
HSL	336°, 63%, 75%
HSV	336°, 35%, 91%
XYZ	52.4171, 42.2205, 50.2011
YIQ	177.9810, 37.6830, 27.4350

Conversions

Conversions Part 2

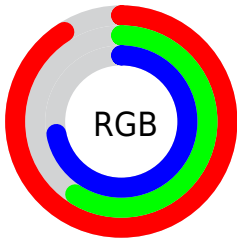
Format	Color
R _Y B	231, 150, 183
Decimal	15177399
CIE Lab	71.02, 34.93, -4.47
CIE LCh	71, 35.216, 352.711
Yxy	42.2205, 0.3619, 0.2915
Android (android.graphics.Color)	4293367479 (0xFFE796B7)
YUV	177.9810, 2.4744, 46.4977
Hunter-Lab	64.9773, 30.2856, -0.3230

Details

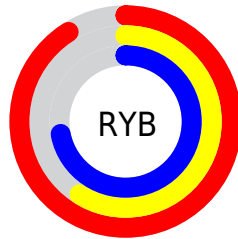
The Yxy color $42.2205, 0.3619, 0.2915$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $67.7265, 0.2808, 0.3704$, and the grayscale version is $44.4836, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.1546, 0.3263, 0.2952$, and $19.3457, 0.3764, 0.2816$ is the 20% darker color. If you saturate the color by 10%, you get $35.0202, 0.3828, 0.2808$, and if you desaturate by 10%, it is $50.9335, 0.3444, 0.3026$.

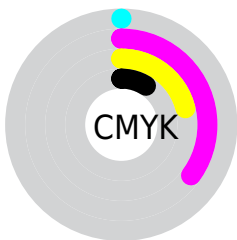
Distribution



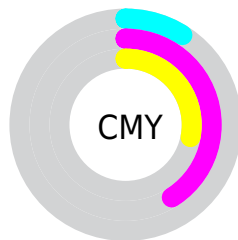
- Red (91%)
- Green (59%)
- Blue (72%)



- Red (91%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2205, 0.3619, 0.2915 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 42.2205, 0.3619, 0.2915 by changing the saturation by 10% instead.

 42.2205, 0.3619,
0.2915

 42.2205, 0.3619,
0.2915

355.3962, 0.3371,
0.3101

 29.2740, 0.3681,
0.2869


 78.5332, 0.3529,
0.2982

 19.2882, 0.3762,
0.2810


 102.6682, 0.3495,
0.3008

 11.8787, 0.3869,
0.2732


131.3015, 0.3466,
0.3029

 6.6611, 0.4019,
0.2624

164.8175, 0.3442,
0.3048

 3.2511, 0.4245,
0.2466

203.6006, 0.3421,
0.3064

 1.2642, 0.4618,
0.2212

248.0351, 0.3402,

 0.1132, 0.6377,

0.3078

0.0747

298.5055, 0.3386,
0.3090

0.0000, 0.0000,
0.0000

42.2205, 0.3619,
0.2915

42.2205, 0.3619,
0.2915

35.0202, 0.3828,
0.2808

50.9335, 0.3444,
0.3026

29.2392, 0.4071,
0.2714

61.2337, 0.3299,
0.3135

24.7832, 0.4347,
0.2643

73.1974, 0.3179,
0.3239

21.5434, 0.4647,
0.2609

86.8947, 0.3081,
0.3337

19.3936, 0.4954,
0.2623

95.5066, 0.3001,
0.3325

■ 18.1795, 0.5246,
0.2691

■ 95.7334, 0.2982,
0.3290

■ 17.8050, 0.5381,
0.2738

Harmonies

Analogous

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



42.2205, 0.3103, 0.2630



42.2205, 0.3619, 0.2915



42.2205, 0.4014, 0.3291

Triad

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



42.2205, 0.3619, 0.2915



42.2205, 0.3583, 0.4211



42.2205, 0.2204, 0.2765

Complementary

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



42.2205, 0.3619, 0.2915



67.7265, 0.2808, 0.3704

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.



42.2205, 0.2309, 0.3188



42.2205, 0.3619, 0.2915



42.2205, 0.3086, 0.4098

Square

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



42.2205, 0.3619, 0.2915



42.2205, 0.3977, 0.4038



42.2205, 0.2622, 0.3699



42.2205, 0.2317, 0.2527

Rectangle

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



42.2205, 0.3619, 0.2915



42.2205, 0.4134, 0.3561



42.2205, 0.2622, 0.3699



42.2205, 0.2215, 0.2888

Sweetspot

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



42.2225, 0.3619, 0.2915



82.3666, 0.3248, 0.3178



39.4856, 0.2872, 0.2342



17.2035, 0.3265, 0.3163



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.



42.2225, 0.3619, 0.2915



46.1950, 0.3765, 0.2838



43.2217, 0.3937, 0.3371



14.4649, 0.3229, 0.3195



10.0023, 0.5341, 0.2716



0.7572, 0.4958, 0.2505

Inverse Universe

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



42.2225, 0.3619, 0.2915



46.1950, 0.3765, 0.2838



65.7126, 0.2622, 0.3207



14.4649, 0.3229, 0.3195



10.0023, 0.5341, 0.2716



0.7572, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 42.2205, 0.3619, 0.2915 looks on a white background.

Color Contrast Check

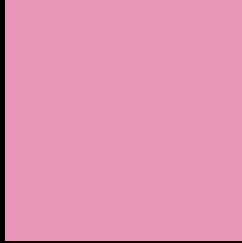
Large Text (above 18pt) WCAG AA × Fail

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 42.2205, 0.3619, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

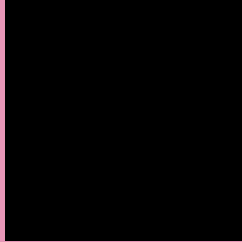
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2205, 0.3619, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 42.2205, 0.3619, 0.2915.



This preview shows how white text looks on a background with the Yxy color 42.2205, 0.3619, 0.2915.

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

42.2205, 0.3619, 0.2915

Protanopia

42.5763, 0.2920, 0.2973

Deuteranopia

42.4900, 0.3216, 0.3148



Tritanopia

42.1571, 0.3776, 0.3152

Trichromacy



Original Color

42.2205, 0.3619, 0.2915

Protanomaly

42.0535, 0.3152, 0.2948

Deuteranomaly

42.0142, 0.3356, 0.3054

Tritanomaly

42.2580, 0.3717, 0.3061

Monochromacy



Original Color

42.2205, 0.3619, 0.2915

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.1709, 0.3291, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2205, 0.3619, 0.2915 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(231, 150, 183)` looks like.

```
.text, #text, p{  
    color:rgb(231, 150, 183)  
}
```

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(231, 150, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 150, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.2205, 0.3619, 0.2915 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(231, 150, 183) }
```

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

```
.border{ border-color:rgb(231, 150, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 150, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 150, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 150, 183);  
box-shadow:4px 4px 4px 4px rgb(231, 150,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2205, 0.3619, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 150, 183) }
```

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

```
.background{ background-color: rgb(231,  
150, 183) }
```

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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