

Converting Colors

$Y_{xy}(42.0554, 0.3601, 0.2866)$

Have a look what the booklet for
Yxy(42.0554, 0.3601, 0.2866)
contains.

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Color

Yxy(42.1959, 0.3600, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	E895BA
RGB	232, 149, 186
RGB Percent	91%, 58%, 73%
CMY	0.0902, 0.4157, 0.2704
CMYK	0.00, 0.36, 0.20, 0.09
HSL	333°, 64%, 75%
HSV	333°, 36%, 91%
XYZ	52.8918, 42.1959, 51.8340
YIQ	178.0350, 37.5910, 29.1030

Conversions

Conversions Part 2

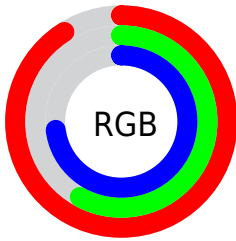
Format	Color
R _Y B	232, 149, 186
Decimal	15242682
CIE Lab	71.01, 36.24, -6.15
CIE LCh	71, 36.757, 350.362
Yxy	42.1959, 0.3600, 0.2872
Android (android.graphics.Color)	4293432762 (0xFFE895BA)
YUV	178.0350, 3.9267, 47.3273
Hunter-Lab	64.9584, 31.6649, -1.8400

Details

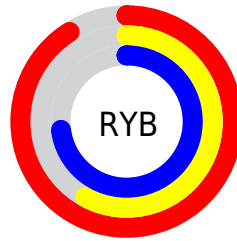
The Yxy color $42.1959, 0.3600, 0.2872$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $68.0398, 0.2820, 0.3755$, and the grayscale version is $44.5062, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.8565, 0.3242, 0.2913$, and $19.3568, 0.3736, 0.2762$ is the 20% darker color. If you saturate the color by 10%, you get $35.0513, 0.3796, 0.2756$, and if you desaturate by 10%, it is $50.8556, 0.3435, 0.2993$.

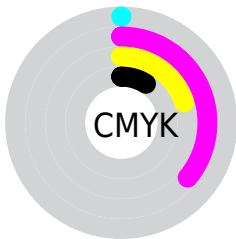
Distribution



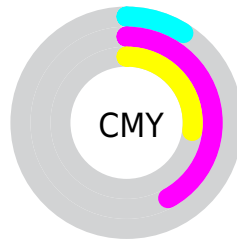
- Red (91%)
- Green (58%)
- Blue (73%)



- Red (91%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1959, 0.3600, 0.2872 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 42.1959, 0.3600, 0.2872 by changing the saturation by 10% instead.

 42.1959, 0.3600,
0.2872


 42.1959, 0.3600,
0.2872


355.2944, 0.3363,
0.3078

 29.2547, 0.3659,
0.2821


 78.4960, 0.3514,
0.2946

 19.2736, 0.3736,
0.2757


 102.6238, 0.3481,
0.2974

 11.8681, 0.3837,
0.2672


131.2491, 0.3454,
0.2998

 6.6540, 0.3979,
0.2555

164.7565, 0.3431,
0.3019

 3.2466, 0.4190,
0.2386

203.5304, 0.3410,
0.3037

 1.2618, 0.4537,
0.2117

247.9550, 0.3393,

 0.1113, 0.6012,

0.3052

0.0670

298.4149, 0.3377,
0.3066

0.0000, 0.0000,
0.0000

42.1959, 0.3600,
0.2872

42.1959, 0.3600,
0.2872

35.0513, 0.3796,
0.2756

50.8556, 0.3435,
0.2993

29.3273, 0.4023,
0.2653

61.1058, 0.3297,
0.3112

24.9281, 0.4279,
0.2576

73.0240, 0.3183,
0.3227

21.7431, 0.4555,
0.2536

86.6806, 0.3090,
0.3335

19.6437, 0.4838,
0.2546

95.5946, 0.3013,
0.3337

■ 18.4716, 0.5110,
0.2611

■ 95.8954, 0.2987,
0.3290

■ 18.1455, 0.5220,
0.2649

Harmonies

Analogous

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



42.1959, 0.3059, 0.2587



42.1959, 0.3600, 0.2872



42.1959, 0.4029, 0.3257

Triad

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



42.1959, 0.3600, 0.2872



42.1959, 0.3638, 0.4248



42.1959, 0.2168, 0.2769

Complementary

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



42.1959, 0.3600, 0.2872



68.0398, 0.2820, 0.3755

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.



42.1959, 0.2293, 0.3222



42.1959, 0.3600, 0.2872



42.1959, 0.3123, 0.4158

Square

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



42.1959, 0.3600, 0.2872



42.1959, 0.4036, 0.4044



42.1959, 0.2633, 0.3758



42.1959, 0.2268, 0.2507

Rectangle

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



42.1959, 0.3600, 0.2872



42.1959, 0.4171, 0.3536



42.1959, 0.2633, 0.3758



42.1959, 0.2185, 0.2901

Sweetspot

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



42.1979, 0.3600, 0.2872



82.4305, 0.3241, 0.3167



38.8771, 0.2842, 0.2315



17.2187, 0.3256, 0.3151



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.



42.1979, 0.3600, 0.2872



45.5258, 0.3743, 0.2785



42.1576, 0.3971, 0.3340



14.4744, 0.3223, 0.3186



10.0984, 0.5181, 0.2628



0.7647, 0.4821, 0.2429

Inverse Universe

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



42.1979, 0.3600, 0.2872



45.5258, 0.3743, 0.2785



67.6188, 0.2618, 0.3239



14.4744, 0.3223, 0.3186



10.0984, 0.5181, 0.2628



0.7647, 0.4821, 0.2429

Previews

White Background



This preview shows how the Yxy color 42.1959, 0.3600, 0.2872 looks on a white background.

Color Contrast Check

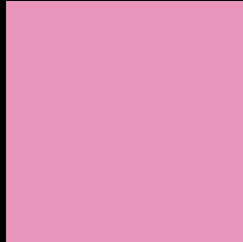
Large Text (above 18pt) WCAG AA × Fail

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 42.1959, 0.3600, 0.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

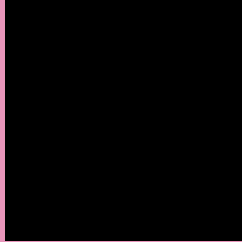
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1959, 0.3600, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 42.1959, 0.3600, 0.2872.



This preview shows how white text looks on a background with the Yxy color 42.1959, 0.3600, 0.2872.

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

42.1959, 0.3600, 0.2872

Protanopia

42.5392, 0.2873, 0.2921

Deuteranopia

42.3181, 0.3180, 0.3121



Tritanopia

42.2858, 0.3796, 0.3165

Trichromacy



Original Color

42.1959, 0.3600, 0.2872



Protanomaly

41.7429, 0.3110, 0.2886



Deuteranomaly

41.9561, 0.3328, 0.3029



Tritanomaly

42.4240, 0.3726, 0.3062

Monochromacy



Original Color

42.1959, 0.3600, 0.2872



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.9794, 0.3292, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1959, 0.3600, 0.2872 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(232, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 149, 186)  
}
```

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(232, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 149, 186) }
```

Border

The CSS property to change the border of an element to Yxy 42.1959, 0.3600, 0.2872 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(232, 149, 186) }
```

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

```
.border{ border-color:rgb(232, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 149,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1959, 0.3600, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 149, 186) }
```

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

```
.background{ background-color: rgb(232,  
149, 186) }
```

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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