

Converting Colors

$Y_{xy}(42.5176, 0.3398, 0.2713)$

Have a look what the booklet for
Yxy(42.5176, 0.3398, 0.2713)
contains.

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Color

Yxy(42.3606, 0.3403, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	E396C9
RGB	227, 150, 201
RGB Percent	89%, 59%, 79%
CMY	0.1097, 0.4118, 0.2117
CMYK	0.00, 0.34, 0.11, 0.11
HSL	320°, 58%, 74%
HSV	320°, 34%, 89%
XYZ	53.1342, 42.3606, 60.6445
YIQ	178.8370, 29.5210, 32.1850

Conversions

Conversions Part 2

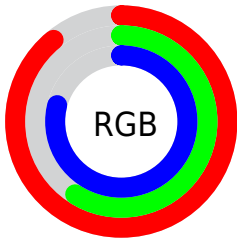
Format	Color
R_{YB}	227, 150, 201
Decimal	14915273
CIE _{Lab}	71.12, 36.38, -14.35
CIE _{LCh}	71, 39.106, 338.474
Yxy	42.3606, 0.3403, 0.2713
Android (android.graphics.Color)	4293105353 (0xFFE396C9)
YUV	178.8370, 10.9264, 42.2390
Hunter-Lab	65.0850, 31.8253, -9.6854

Details

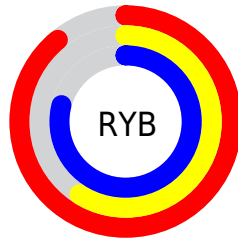
The Yxy color $42.3606, 0.3403, 0.2713$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $64.5684, 0.2929, 0.3950$, and the grayscale version is $44.9184, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1426, 0.3150, 0.2801$, and $19.3880, 0.3469, 0.2566$ is the 20% darker color. If you saturate the color by 10%, you get $35.4543, 0.3515, 0.2544$, and if you desaturate by 10%, it is $50.6922, 0.3306, 0.2887$.

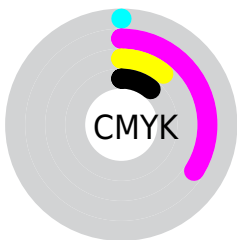
Distribution



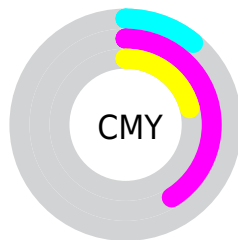
- Red (89%)
- Green (59%)
- Blue (79%)



- Red (89%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (11%)




- Cyan (11%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3606, 0.3403, 0.2713 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 42.3606, 0.3403, 0.2713 by changing the saturation by 10% instead.


 42.3606, 0.3403,
0.2713


 42.3606, 0.3403,
0.2713


355.9756, 0.3270,
0.2992

 29.3838, 0.3435,
0.2646


 78.7451, 0.3356,
0.2812

 19.3713, 0.3475,
0.2563


 102.9215, 0.3338,
0.2850

 11.9389, 0.3527,
0.2454


131.5999, 0.3322,
0.2882

 6.7021, 0.3597,
0.2309

165.1647, 0.3309,
0.2910

 3.2765, 0.3696,
0.2103

204.0003, 0.3297,
0.2934

 1.2777, 0.3845,
0.1794

248.4910, 0.3287,

 0.1239, 0.4441,

0.2956

0.0541

299.0213, 0.3278,
0.2975

0.0000, 0.0000,
0.0000

42.3606, 0.3403,
0.2713

42.3606, 0.3403,
0.2713

35.4543, 0.3515,
0.2544

50.6922, 0.3306,
0.2887

29.8858, 0.3640,
0.2390

60.5184, 0.3222,
0.3060

25.5672, 0.3778,
0.2260


71.9109, 0.3152,
0.3227

22.3973, 0.3924,
0.2167


84.9351, 0.3092,
0.3385

20.2591, 0.4073,
0.2120

94.1066, 0.3044,
0.3448

 19.0104, 0.4220,
0.2125

 94.5702, 0.3002,
0.3370

 18.5489, 0.4308,
0.2147

 95.0532, 0.2960,
0.3293

 95.0746, 0.2958,
0.3290

Harmonies

Analogous

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



42.3606, 0.2835, 0.2471



42.3606, 0.3403, 0.2713



42.3606, 0.3932, 0.3083

Triad

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



42.3606, 0.3403, 0.2713



42.3606, 0.3856, 0.4250



42.3606, 0.2138, 0.2903

Complementary

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



42.3606, 0.3403, 0.2713



64.5684, 0.2929, 0.3950

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.



42.3606, 0.2361, 0.3442



42.3606, 0.3403, 0.2713



42.3606, 0.3341, 0.4297

Square

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



42.3606, 0.3403, 0.2713



42.3606, 0.4192, 0.3941



42.3606, 0.2794, 0.3991



42.3606, 0.2150, 0.2543

Rectangle

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



42.3606, 0.3403, 0.2713



42.3606, 0.4165, 0.3370



42.3606, 0.2794, 0.3991



42.3606, 0.2186, 0.3068

Sweetspot

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



42.3625, 0.3403, 0.2713



84.2536, 0.3194, 0.3125



36.5489, 0.2720, 0.2333



17.5965, 0.3204, 0.3102



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.



42.3625, 0.3403, 0.2713



48.3682, 0.3483, 0.2588



40.7829, 0.3789, 0.3142



14.5282, 0.3189, 0.3136



10.8379, 0.4287, 0.2135



0.8180, 0.4090, 0.2026

Inverse Universe

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



42.3625, 0.3403, 0.2713



48.3682, 0.3483, 0.2588



66.2984, 0.2715, 0.3448



14.5282, 0.3189, 0.3136



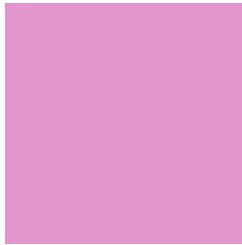
10.8379, 0.4287, 0.2135



0.8180, 0.4090, 0.2026

Previews

White Background



This preview shows how the Yxy color 42.3606, 0.3403, 0.2713 looks on a white background.

Color Contrast Check

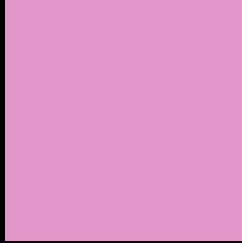
Large Text (above 18pt) WCAG AA × Fail

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 42.3606, 0.3403, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

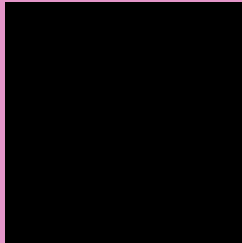
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3606, 0.3403, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 42.3606, 0.3403, 0.2713.



This preview shows how white text looks on a background with the Yxy color 42.3606, 0.3403, 0.2713.

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

42.3606, 0.3403, 0.2713

Protanopia

42.7375, 0.2728, 0.2733

Deuteranopia

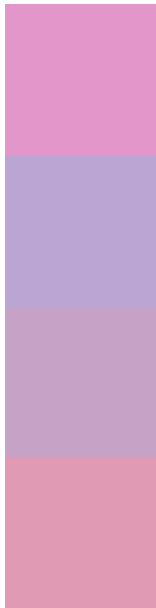
42.6044, 0.3003, 0.2941



Tritanopia

42.2921, 0.3678, 0.3149

Trichromacy



Original Color

42.3606, 0.3403, 0.2713

Protanomaly

42.1782, 0.2944, 0.2717

Deuteranomaly

42.2774, 0.3147, 0.2857

Tritanomaly

42.2538, 0.3572, 0.2987

Monochromacy



Original Color

42.3606, 0.3403, 0.2713

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.3289, 0.3220, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3606, 0.3403, 0.2713 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(227, 150, 201)` looks like.

```
.text, #text, p{  
    color:rgb(227, 150, 201)  
}
```

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(227, 150, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 150, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.3606, 0.3403, 0.2713 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(227, 150, 201) }
```

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

```
.border{ border-color:rgb(227, 150, 201) }
```

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

Here you see how a box with a 4 pixel rgb(227, 150, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 150, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 150, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 150,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3606, 0.3403, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 150, 201) }
```

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

```
.background{ background-color: rgb(227,  
150, 201) }
```

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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