

Converting Colors

$Y_{xy}(43.1999, 0.3406, 0.2713)$

Have a look what the booklet for
Yxy(43.1999, 0.3406, 0.2713)
contains.

Yxy(43.1030, 0.3401, 0.2707)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.1030, 0.3401, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	E597CB
RGB	229, 151, 203
RGB Percent	90%, 59%, 80%
CMY	0.1021, 0.4078, 0.2039
CMYK	0.00, 0.34, 0.11, 0.10
HSL	320°, 60%, 75%
HSV	320°, 34%, 90%
XYZ	54.1534, 43.1030, 61.9715
YIQ	180.2500, 29.7960, 32.7080

Conversions

Conversions Part 2

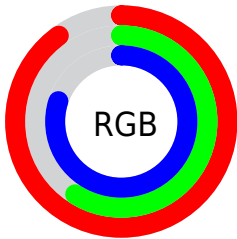
Format	Color
R _Y B	229, 151, 203
Decimal	15046603
CIE Lab	71.62, 36.81, -14.67
CIE LCh	72, 39.629, 338.276
Yxy	43.1030, 0.3401, 0.2707
Android (android.graphics.Color)	4293236683 (0xFFE597CB)
YUV	180.2500, 11.2157, 42.7537
Hunter-Lab	65.6529, 32.3422, -10.0084

Details

The Yxy color **43.1030, 0.3401, 0.2707** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.7781, 0.2931, 0.3958**, and the grayscale version is **45.7110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **19.8643, 0.3466, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **36.0811, 0.3511, 0.2537**, and if you desaturate by 10%, it is **51.5780, 0.3305, 0.2882**.

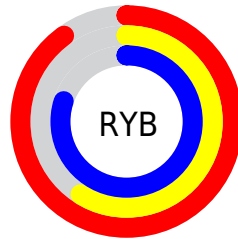
Distribution



Red (90%)

Green (59%)

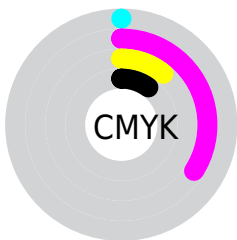
Blue (80%)



Red (90%)

Yellow (59%)

Blue (80%)

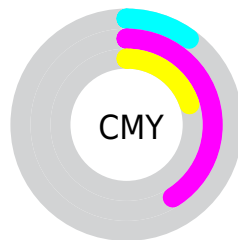


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (10%)



Cyan (10%)


Magenta (41%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1030, 0.3401, 0.2707 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 43.1030, 0.3401, 0.2707 by changing the saturation by 10% instead.


 43.1030, 0.3401,
0.2707


 43.1030, 0.3401,
0.2707


359.0352, 0.3269,
0.2988

 29.9659, 0.3432,
0.2640


 79.8663, 0.3354,
0.2806

 19.8127, 0.3472,
0.2556


 104.2613, 0.3336,
0.2845

 12.2590, 0.3523,
0.2448


133.1777, 0.3321,
0.2877

 6.9203, 0.3591,
0.2303

167.0000, 0.3308,
0.2905

 3.4123, 0.3686,
0.2100

206.1124, 0.3296,
0.2930

 1.3506, 0.3830,
0.1796

250.8995, 0.3286,

 0.1799, 0.4336,

0.2951

301.7457, 0.3277,
0.2970

0.0715

0.0000, 0.5227,
0.0000

0.0000, 0.0000,
0.0000

43.1030, 0.3401,
0.2707

43.1030, 0.3401,
0.2707

36.0811, 0.3511,
0.2537

51.5780, 0.3305,
0.2882

30.4228, 0.3635,
0.2382

61.5768, 0.3222,
0.3056

26.0382, 0.3771,
0.2252

73.1728, 0.3152,
0.3224

22.8239, 0.3915,
0.2159

86.4326, 0.3093,
0.3384

■ 20.6600, 0.4061,
0.2112

■ 94.5327, 0.3046,
0.3430

■ 19.4009, 0.4206,
0.2116

■ 94.9984, 0.3004,
0.3352

■ 18.9440, 0.4290,
0.2137

■ 95.3935, 0.2970,
0.3290

Harmonies

Analogous

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



43.1030, 0.2830, 0.2465



43.1030, 0.3401, 0.2707



43.1030, 0.3935, 0.3078

Triad

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



43.1030, 0.3401, 0.2707



43.1030, 0.3864, 0.4255



43.1030, 0.2132, 0.2903

Complementary

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



43.1030, 0.3401, 0.2707



65.7781, 0.2931, 0.3958

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.



43.1030, 0.2358, 0.3447



43.1030, 0.3401, 0.2707



43.1030, 0.3346, 0.4306

Square

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



43.1030, 0.3401, 0.2707



43.1030, 0.4201, 0.3942



43.1030, 0.2795, 0.4000



43.1030, 0.2143, 0.2539

Rectangle

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



43.1030, 0.3401, 0.2707



43.1030, 0.4171, 0.3367



43.1030, 0.2795, 0.4000



43.1030, 0.2181, 0.3070

Sweetspot

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



43.1050, 0.3401, 0.2707



84.2608, 0.3193, 0.3124



36.9904, 0.2707, 0.2326



17.5982, 0.3203, 0.3100



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.



43.1050, 0.3401, 0.2707



48.3935, 0.3479, 0.2584



41.5206, 0.3779, 0.3126



14.5293, 0.3189, 0.3134



10.8574, 0.4269, 0.2126



0.8194, 0.4075, 0.2019

Inverse Universe

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



43.1050, 0.3401, 0.2707



48.3935, 0.3479, 0.2584



67.4945, 0.2721, 0.3465



14.5293, 0.3189, 0.3134



10.8574, 0.4269, 0.2126



0.8194, 0.4075, 0.2019

Previews

White Background



This preview shows how the Yxy color 43.1030, 0.3401, 0.2707 looks on a white background.

Color Contrast Check

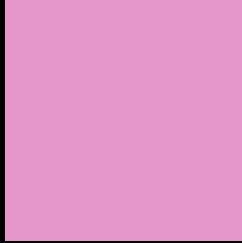
Large Text (above 18pt) WCAG AA × Fail

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 43.1030, 0.3401, 0.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

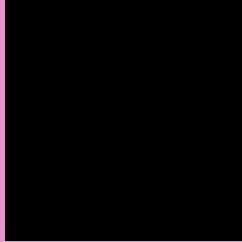
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1030, 0.3401, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 43.1030, 0.3401, 0.2707.



This preview shows how white text looks on a background with the Yxy color 43.1030, 0.3401, 0.2707.

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

43.1030, 0.3401, 0.2707

Protanopia

43.3859, 0.2716, 0.2713

Deuteranopia

43.1944, 0.2996, 0.2930



Tritanopia

42.9861, 0.3684, 0.3151

Trichromacy



Original Color

43.1030, 0.3401, 0.2707



Protanomaly

42.7679, 0.2937, 0.2708



Deuteranomaly

42.8632, 0.3139, 0.2847



Tritanomaly

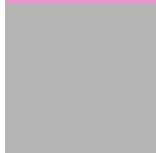
42.9476, 0.3579, 0.2989

Monochromacy



Original Color

43.1030, 0.3401, 0.2707



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.0125, 0.3229, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1030, 0.3401, 0.2707 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(229, 151, 203)` looks like.

```
.text, #text, p{  
    color:rgb(229, 151, 203)  
}
```

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(229, 151, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 151, 203) }
```

Border

The CSS property to change the border of an element to Yxy 43.1030, 0.3401, 0.2707 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(229, 151, 203) }
```

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

```
.border{ border-color:rgb(229, 151, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 151, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 151, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 151, 203);  
box-shadow:4px 4px 4px 4px rgb(229, 151,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1030, 0.3401, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 151, 203) }
```

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

```
.background{ background-color: rgb(229,  
151, 203) }
```

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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