

Converting Colors

$Y_{xy}(43.2280, 0.3662, 0.2597)$

Have a look what the booklet for
Yxy(43.2280, 0.3662, 0.2597)
contains.

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Color

Yxy(43.2280, 0.3662, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	FF88CC
RGB	255, 136, 204
RGB Percent	100%, 53%, 80%
CMY	0.0000, 0.4668, 0.1999
CMYK	0.00, 0.47, 0.20, 0.00
HSL	326°, 100%, 77%
HSV	326°, 47%, 100%
XYZ	60.9553, 43.2280, 62.2703
YIQ	179.3330, 49.0960, 46.3760

Conversions

Conversions Part 2

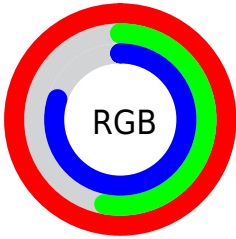
Format	Color
R _Y B	255, 136, 204
Decimal	16746700
CIE Lab	71.71, 53.12, -14.79
CIE LCh	72, 55.144, 344.445
Yxy	43.2280, 0.3662, 0.2597
Android (android.graphics.Color)	4294936780 (0xFFFF88CC)
YUV	179.3330, 12.1608, 66.3600
Hunter-Lab	65.7480, 50.4293, -10.1303

Details

The Yxy color $43.2280, 0.3662, 0.2597$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $80.3385, 0.2817, 0.4124$, and the grayscale version is $45.1737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1793, 0.3156, 0.2673$, and $19.9724, 0.3801, 0.2426$ is the 20% darker color. If you saturate the color by 10%, you get $36.3701, 0.3833, 0.2467$, and if you desaturate by 10%, it is $51.8207, 0.3511, 0.2743$.

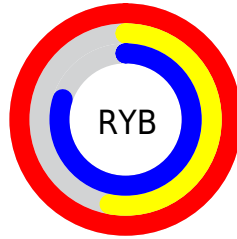
Distribution



Red (100%)

Green (53%)

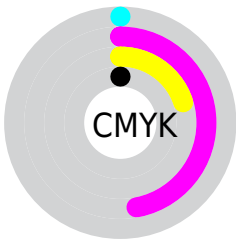
Blue (80%)



Red (100%)

Yellow (53%)

Blue (80%)

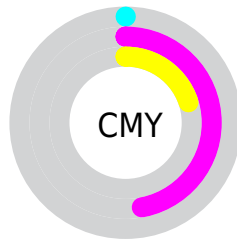


Cyan (0%)

Magenta (47%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2280, 0.3662, 0.2597 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 43.2280, 0.3662, 0.2597 by changing the saturation by 10% instead.

 43.2280, 0.3662,
0.2597


 43.2280, 0.3662,
0.2597


359.5486, 0.3402,
0.2927

 30.0640, 0.3725,
0.2520


 80.0548, 0.3569,
0.2713

 19.8872, 0.3804,
0.2423


 104.4865, 0.3534,
0.2758

 12.3131, 0.3906,
0.2299


 133.4428, 0.3504,
0.2796

 6.9573, 0.4045,
0.2136

167.3082, 0.3478,
0.2829

 3.4354, 0.4242,
0.1911

206.4671, 0.3455,
0.2858

 1.3630, 0.4542,
0.1584

251.3039, 0.3435,

 0.1892, 0.5311,

0.2884

0.0609

302.2029, 0.3418,
0.2907

■ 0.0000, 0.9248,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2280, 0.3662,
0.2597

■ 43.2280, 0.3662,
0.2597

■ 36.3701, 0.3833,
0.2467

■ 51.8207, 0.3511,
0.2743

■ 31.1383, 0.4022,
0.2365

■ 62.2751, 0.3382,
0.2896

■ 27.3873, 0.4223,
0.2304

■ 74.6886, 0.3272,
0.3049

■ 24.9525, 0.4428,
0.2293

■ 89.1559, 0.3180,
0.3196

■ 23.6271, 0.4627,
0.2337

100.0000, 0.3127,
0.3290

■ 23.3284, 0.4693,
0.2359

Harmonies

Analogous

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



43.2280, 0.2858, 0.2246



43.2280, 0.3662, 0.2597



43.2280, 0.4373, 0.3095

Triad

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



43.2280, 0.3662, 0.2597



43.2280, 0.3964, 0.4662



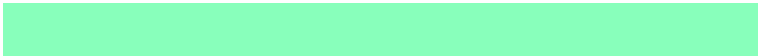
43.2280, 0.1781, 0.2606

Complementary

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



43.2280, 0.3662, 0.2597



80.3385, 0.2817, 0.4124

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.



43.2280, 0.1996, 0.3316



43.2280, 0.3662, 0.2597



43.2280, 0.3232, 0.4698

Square

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



43.2280, 0.3662, 0.2597



43.2280, 0.4512, 0.4231



43.2280, 0.2511, 0.4161



43.2280, 0.1861, 0.2208

Rectangle

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



43.2280, 0.3662, 0.2597



43.2280, 0.4639, 0.3471



43.2280, 0.2511, 0.4161



43.2280, 0.1819, 0.2810

Sweetspot

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



43.2229, 0.3662, 0.2597



78.3537, 0.3246, 0.3089



35.2077, 0.2595, 0.1944



16.1357, 0.3267, 0.3056



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.



43.2229, 0.3662, 0.2597



36.7802, 0.3821, 0.2475



40.9344, 0.4304, 0.3191



18.1611, 0.3204, 0.3155



12.2201, 0.4662, 0.2342



1.2117, 0.4450, 0.2225

Inverse Universe

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



43.2229, 0.3662, 0.2597



36.7802, 0.3821, 0.2475



83.3500, 0.2547, 0.3402



18.1611, 0.3204, 0.3155



12.2201, 0.4662, 0.2342



1.2117, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 43.2280, 0.3662, 0.2597 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 43.2280, 0.3662, 0.2597 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 43.2280, 0.3662, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 43.2280, 0.3662, 0.2597.



This preview shows how white text looks on a background with the Yxy color 43.2280, 0.3662, 0.2597.

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

43.2280, 0.3662, 0.2597

Protanopia

43.5623, 0.2616, 0.2583

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.2821, 0.4100, 0.3186

Trichromacy



Original Color

43.2280, 0.3662, 0.2597



Protanomaly

41.9642, 0.2934, 0.2558



Deuteranomaly

42.1792, 0.3234, 0.2787



Tritanomaly

43.0586, 0.3949, 0.2965

Monochromacy



Original Color

43.2280, 0.3662, 0.2597



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.0906, 0.3318, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2280, 0.3662, 0.2597 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(255, 136, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 204)  
}
```

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(255, 136, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 204) }
```

Border

The CSS property to change the border of an element to Yxy 43.2280, 0.3662, 0.2597 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(255, 136, 204) }
```

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

```
.border{ border-color:rgb(255, 136, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2280, 0.3662, 0.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 204) }
```

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

```
.background{ background-color: rgb(255,  
136, 204) }
```

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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