

Converting Colors

$Yxy(48.0307, 0.4105, 0.2848)$

Have a look what the booklet for
Yxy(48.0307, 0.4105, 0.2848)
contains.

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Color

Yxy(42.6541, 0.3862, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	FF89B9
RGB	255, 137, 185
RGB Percent	100%, 54%, 73%
CMY	0.0001, 0.4627, 0.2746
CMYK	0.00, 0.46, 0.27, 0.00
HSL	336°, 100%, 77%
HSV	336°, 46%, 100%
XYZ	58.9374, 42.6541, 51.0171
YIQ	177.7540, 54.9200, 39.9440

Conversions

Conversions Part 2

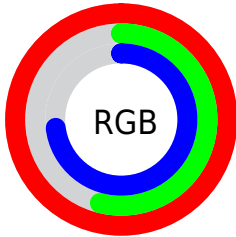
Format	Color
R_{YB}	255, 137, 185
Decimal	16746937
CIE _{Lab}	71.32, 49.99, -4.79
CIE _{LCh}	71, 50.222, 354.529
Yxy	42.6541, 0.3862, 0.2795
Android (android.graphics.Color)	4294937017 (0xFFFF89B9)
YUV	177.7540, 3.5723, 67.7447
Hunter-Lab	65.3101, 46.7901, -0.5974

Details

The Yxy color **42.6541, 0.3862, 0.2795** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.3371, 0.2725, 0.3866**, and the grayscale version is **44.3452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7508, 0.3258, 0.2812**, and **19.5882, 0.4077, 0.2660** is the 20% darker color. If you saturate the color by 10%, you get **35.6369, 0.4113, 0.2703**, and if you desaturate by 10%, it is **51.4563, 0.3647, 0.2901**.

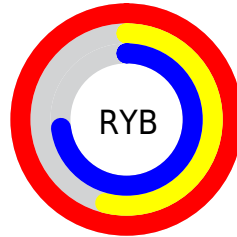
Distribution



Red (100%)

Green (54%)

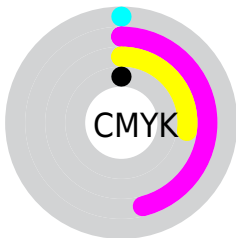
Blue (73%)



Red (100%)

Yellow (54%)

Blue (73%)

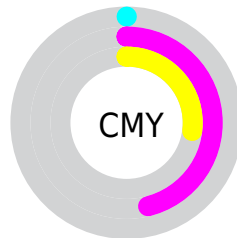


Cyan (0%)

Magenta (46%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6541, 0.3862, 0.2795 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 42.6541, 0.3862, 0.2795 by changing the saturation by 10% instead.


 42.6541, 0.3862,
0.2795


 42.6541, 0.3862,
0.2795


357.1873, 0.3493,
0.3039

 29.6138, 0.3954,
0.2735


 79.1886, 0.3728,
0.2883

 19.5456, 0.4072,
0.2659


 103.4516, 0.3678,
0.2916

 12.0652, 0.4229,
0.2560


 132.2244, 0.3635,
0.2944

 6.7881, 0.4446,
0.2423

165.8912, 0.3599,
0.2969

 3.3299, 0.4766,
0.2227

204.8365, 0.3567,
0.2990

 1.3063, 0.5280,
0.1922

249.4447, 0.3540,

 0.1461, 0.6971,

0.3008

0.0692

300.1002, 0.3515,
0.3025

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.6541, 0.3862,
0.2795

42.6541, 0.3862,
0.2795

35.6369, 0.4113,
0.2703

51.4563, 0.3647,
0.2901

30.2737, 0.4395,
0.2637

62.1496, 0.3466,
0.3012

26.4256, 0.4699,
0.2610

74.8396, 0.3316,
0.3122

23.9278, 0.5007,
0.2633

89.6218, 0.3193,
0.3227

■ 22.5755, 0.5297,
0.2711

99.9974, 0.3127,
0.3290

■ 22.2504, 0.5399,
0.2748

Harmonies

Analogous

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



42.6541, 0.3124, 0.2412



42.6541, 0.3862, 0.2795



42.6541, 0.4414, 0.3293

Triad

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



42.6541, 0.3862, 0.2795



42.6541, 0.3693, 0.4610



42.6541, 0.1873, 0.2509

Complementary

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



42.6541, 0.3862, 0.2795



81.3371, 0.2725, 0.3866

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.



42.6541, 0.1983, 0.3076



42.6541, 0.3862, 0.2795



42.6541, 0.2999, 0.4456

Square

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



42.6541, 0.3862, 0.2795



42.6541, 0.4271, 0.4326



42.6541, 0.2377, 0.3834



42.6541, 0.2038, 0.2228

Rectangle

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



42.6541, 0.3862, 0.2795



42.6541, 0.4560, 0.3653



42.6541, 0.2377, 0.3834



42.6541, 0.1878, 0.2667

Sweetspot

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



42.6562, 0.3862, 0.2795



78.0097, 0.3286, 0.3146



38.2137, 0.2761, 0.2013



16.0520, 0.3315, 0.3123



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.



42.6562, 0.3862, 0.2795



35.8048, 0.4106, 0.2705



43.8847, 0.4346, 0.3396



18.1095, 0.3230, 0.3194



11.6555, 0.5357, 0.2725



1.1559, 0.5058, 0.2560

Inverse Universe

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



42.6562, 0.3862, 0.2795



35.8048, 0.4106, 0.2705



77.9380, 0.2488, 0.3176



18.1095, 0.3230, 0.3194



11.6555, 0.5357, 0.2725



1.1559, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 42.6541, 0.3862, 0.2795 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 42.6541, 0.3862, 0.2795 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 42.6541, 0.3862, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 42.6541, 0.3862, 0.2795.



This preview shows how white text looks on a background with the Yxy color 42.6541, 0.3862, 0.2795.

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

42.6541, 0.3862, 0.2795

Protanopia

43.1510, 0.2815, 0.2847

Deuteranopia

42.9513, 0.3233, 0.3174



Tritanopia

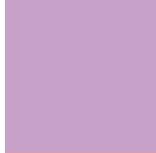
42.6403, 0.4165, 0.3187

Trichromacy



Original Color

42.6541, 0.3862, 0.2795



Protanomaly

41.9392, 0.3150, 0.2811



Deuteranomaly

42.0861, 0.3458, 0.3013



Tritanomaly

42.6490, 0.4050, 0.3040

Monochromacy



Original Color

42.6541, 0.3862, 0.2795



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.6524, 0.3373, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6541, 0.3862, 0.2795 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, 137, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 185)  
}
```

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, 137, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.6541, 0.3862, 0.2795 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, 137, 185) }
```

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

```
.border{ border-color:rgb(255, 137, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6541, 0.3862, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 185) }
```

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

```
.background{ background-color: rgb(255,  
137, 185) }
```

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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