

Converting Colors

$Y_{xy}(65.0718, 0.4566, 0.2986)$

Have a look what the booklet for
Yxy(65.0718, 0.4566, 0.2986)
contains.

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Color

Yxy(44.7093, 0.3843, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	FF90B9
RGB	255, 144, 185
RGB Percent	100%, 56%, 73%
CMY	0.0000, 0.4353, 0.2745
CMYK	0.00, 0.44, 0.27, 0.00
HSL	338°, 100%, 78%
HSV	338°, 44%, 100%
XYZ	59.9713, 44.7093, 51.3728
YIQ	181.8630, 52.9950, 36.2830

Conversions

Conversions Part 2

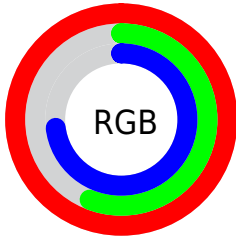
Format	Color
R _Y B	255, 144, 185
Decimal	16748729
CIE Lab	72.70, 46.52, -2.77
CIE LCh	73, 46.604, 356.594
Yxy	44.7093, 0.3843, 0.2865
Android (android.graphics.Color)	4294938809 (0xFFFF90B9)
YUV	181.8630, 1.5465, 64.1411
Hunter-Lab	66.8650, 43.0831, 1.2527

Details

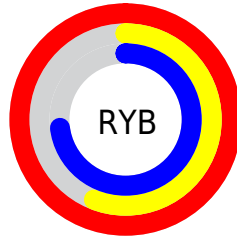
The Yxy color $44.7093, 0.3843, 0.2865$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82.3045, 0.2724, 0.3774$, and the grayscale version is $46.6719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.9194, 0.3252, 0.2882$, and $20.7140, 0.4050, 0.2743$ is the 20% darker color. If you saturate the color by 10%, you get $37.1980, 0.4102, 0.2778$, and if you desaturate by 10%, it is $54.0454, 0.3623, 0.2963$.

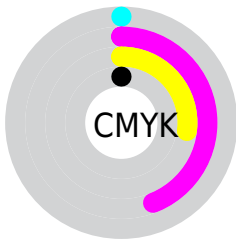
Distribution



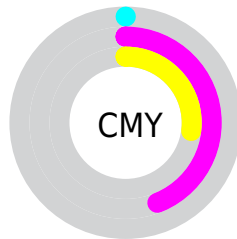
- Red (100%)
- Green (56%)
- Blue (73%)



- Red (100%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (44%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7093, 0.3843, 0.2865 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 44.7093, 0.3843, 0.2865 by changing the saturation by 10% instead.

 44.7093, 0.3843,
0.2865

 44.7093, 0.3843,
0.2865


365.5949, 0.3485,
0.3075

 31.2285, 0.3932,
0.2813


 82.2840, 0.3713,
0.2941

 20.7729, 0.4046,
0.2748


 107.1467, 0.3664,
0.2969

 12.9581, 0.4197,
0.2661


136.5722, 0.3623,
0.2994

 7.3997, 0.4406,
0.2543

170.9449, 0.3588,
0.3015

 3.7133, 0.4713,
0.2371

210.6491, 0.3557,
0.3033

 1.5145, 0.5204,
0.2101

256.0692, 0.3530,

 0.2989, 0.6563,

0.3049

0.1256

307.5897, 0.3506,
0.3063

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7093, 0.3843,
0.2865

44.7093, 0.3843,
0.2865

37.1980, 0.4102,
0.2778

54.0454, 0.3623,
0.2963

31.3845, 0.4398,
0.2712

65.3109, 0.3440,
0.3065

27.1342, 0.4720,
0.2681

78.6092, 0.3289,
0.3164

24.2892, 0.5052,
0.2697

94.0345, 0.3165,
0.3258

■ 22.6577, 0.5365,
0.2765

100.0000, 0.3127,
0.3290

■ 22.0718, 0.5550,
0.2831

Harmonies

Analogous

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



44.7093, 0.3174, 0.2497



44.7093, 0.3843, 0.2865



44.7093, 0.4325, 0.3336

Triad

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



44.7093, 0.3843, 0.2865



44.7093, 0.3614, 0.4500



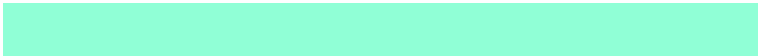
44.7093, 0.1968, 0.2551

Complementary

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



44.7093, 0.3843, 0.2865



82.3045, 0.2724, 0.3774

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.



44.7093, 0.2056, 0.3058



44.7093, 0.3843, 0.2865



44.7093, 0.2974, 0.4317

Square

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



44.7093, 0.3843, 0.2865



44.7093, 0.4154, 0.4277



44.7093, 0.2408, 0.3739



44.7093, 0.2140, 0.2301

Rectangle

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



44.7093, 0.3843, 0.2865



44.7093, 0.4442, 0.3671



44.7093, 0.2408, 0.3739



44.7093, 0.1968, 0.2692

Sweetspot

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



44.7112, 0.3843, 0.2865



79.3690, 0.3281, 0.3169



41.2323, 0.2819, 0.2102



16.3162, 0.3312, 0.3147



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.



44.7112, 0.3843, 0.2865



38.2325, 0.4060, 0.2790



47.3722, 0.4222, 0.3429



18.0980, 0.3236, 0.3202



11.5593, 0.5507, 0.2807



1.1457, 0.5196, 0.2636

Inverse Universe

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



44.7112, 0.3843, 0.2865



38.2325, 0.4060, 0.2790



76.6841, 0.2511, 0.3140



18.0980, 0.3236, 0.3202



11.5593, 0.5507, 0.2807



1.1457, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 44.7093, 0.3843, 0.2865 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 44.7093, 0.3843, 0.2865 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 44.7093, 0.3843, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 44.7093, 0.3843, 0.2865.



This preview shows how white text looks on a background with the Yxy color 44.7093, 0.3843, 0.2865.

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

44.7093, 0.3843, 0.2865

Protanopia

44.8992, 0.2879, 0.2917

Deuteranopia

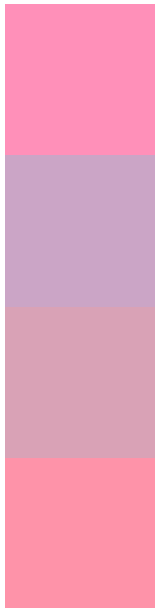
44.7845, 0.3266, 0.3201



Tritanopia

44.9156, 0.4073, 0.3176

Trichromacy



Original Color

44.7093, 0.3843, 0.2865

Protanomaly

43.6840, 0.3191, 0.2888

Deuteranomaly

43.9698, 0.3469, 0.3052

Tritanomaly

44.8028, 0.3994, 0.3061

Monochromacy



Original Color

44.7093, 0.3843, 0.2865

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

44.9795, 0.3375, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7093, 0.3843, 0.2865 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, 144, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.7093, 0.3843, 0.2865 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, 144, 185) }
```

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

```
.border{ border-color:rgb(255, 144, 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, 144, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7093, 0.3843, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 185) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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