

Converting Colors

Yxy(59.7862, 0.3643, 0.2919)

Have a look what the booklet for
Yxy(59.7862, 0.3643, 0.2919)
contains.

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Color

Yxy(56.7240, 0.3506, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD5
RGB	255, 175, 213
RGB Percent	100%, 69%, 84%
CMY	0.0001, 0.3137, 0.1646
CMYK	0.00, 0.31, 0.16, 0.00
HSL	331°, 100%, 84%
HSV	331°, 31%, 100%
XYZ	68.5774, 56.7240, 70.2986
YIQ	203.2520, 35.4820, 28.7780

Conversions

Conversions Part 2

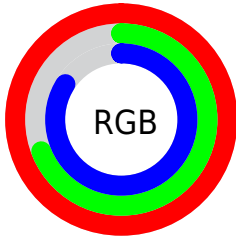
Format	Color
R _Y B	255, 175, 213
Decimal	16756693
CIE Lab	80.02, 34.56, -7.30
CIE LCh	80, 35.319, 348.071
Yxy	56.7240, 0.3506, 0.2900
Android (android.graphics.Color)	4294946773 (0xFFFFAFD5)
YUV	203.2520, 4.8058, 45.3830
Hunter-Lab	75.3153, 30.7289, -2.6200

Details

The Yxy color $56.7240, 0.3506, 0.2900$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $85.6329, 0.2864, 0.3719$, and the grayscale version is $59.8420, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $28.0137, 0.3607, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $47.0680, 0.3679, 0.2773$, and if you desaturate by 10%, it is $68.3152, 0.3360, 0.3029$.

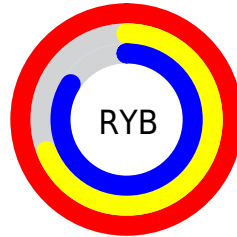
Distribution



Red (100%)

Green (69%)

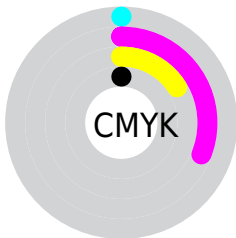
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

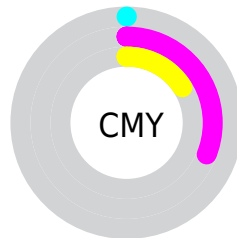


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7240, 0.3506, 0.2900 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 56.7240, 0.3506, 0.2900 by changing the saturation by 10% instead.


 56.7240, 0.3506,
0.2900

 56.7240, 0.3506,
0.2900


412.4143, 0.3326,
0.3083

 40.7837, 0.3548,
0.2858


 100.0624, 0.3442,
0.2964

 28.1501, 0.3602,
0.2805


128.2292, 0.3418,
0.2989

 18.4388, 0.3670,
0.2738


161.2403, 0.3397,
0.3010

 11.2655, 0.3761,
0.2649

199.4802, 0.3379,
0.3028

 6.2457, 0.3889,
0.2527

243.3331, 0.3363,
0.3045

 2.9951, 0.4080,
0.2349


293.1835, 0.3349,

 1.1292, 0.4396,

0.3059

0.2067


349.4157, 0.3337,
0.3072


 0.0027, 0.6212,
0.0020


 0.0000, 0.0000,
0.0000


 56.7240, 0.3506,
0.2900


 56.7240, 0.3506,
0.2900


 47.0680, 0.3679,
0.2773


 68.3152, 0.3360,
0.3029

 39.2323, 0.3881,
0.2656

 81.9324, 0.3239,
0.3155

 33.1019, 0.4112,
0.2559

 97.6703, 0.3139,
0.3274

 28.5451, 0.4365,
0.2496

99.9968, 0.3127,
0.3290

■ 25.4109, 0.4630,
0.2478

■ 23.5179, 0.4893,
0.2516

■ 22.6419, 0.5108,
0.2588

Harmonies

Analogous

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



56.7240, 0.3035, 0.2654



56.7240, 0.3506, 0.2900



56.7240, 0.3890, 0.3239

Triad

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



56.7240, 0.3506, 0.2900



56.7240, 0.3611, 0.4118



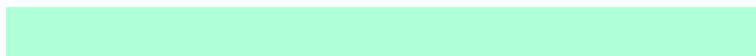
56.7240, 0.2283, 0.2865

Complementary

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



56.7240, 0.3506, 0.2900



85.6329, 0.2864, 0.3719

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.



56.7240, 0.2412, 0.3271



56.7240, 0.3506, 0.2900



56.7240, 0.3164, 0.4053

Square

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



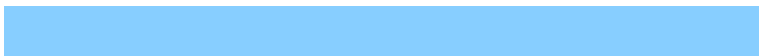
56.7240, 0.3506, 0.2900



56.7240, 0.3942, 0.3935



56.7240, 0.2727, 0.3727



56.7240, 0.2356, 0.2615

Rectangle

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



56.7240, 0.3506, 0.2900



56.7240, 0.4027, 0.3486



56.7240, 0.2727, 0.3727



56.7240, 0.2304, 0.2986

Sweetspot

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



56.7266, 0.3506, 0.2900



85.4699, 0.3214, 0.3184



52.5329, 0.2864, 0.2434



17.8265, 0.3229, 0.3166



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.



56.7266, 0.3506, 0.2900



50.1149, 0.3618, 0.2815



55.5385, 0.3844, 0.3306



18.1309, 0.3219, 0.3178



11.8624, 0.5069, 0.2566



1.1769, 0.4802, 0.2419

Inverse Universe

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



56.7266, 0.3506, 0.2900



50.1149, 0.3618, 0.2815



86.9960, 0.2674, 0.3274



18.1309, 0.3219, 0.3178



11.8624, 0.5069, 0.2566



1.1769, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 56.7240, 0.3506, 0.2900 looks on a white background.

Color Contrast Check

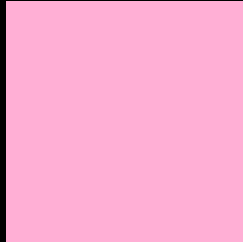
Large Text (above 18pt) WCAG AA × Fail

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 56.7240, 0.3506, 0.2900 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 56.7240, 0.3506, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 56.7240, 0.3506, 0.2900.



This preview shows how white text looks on a background with the Yxy color 56.7240, 0.3506, 0.2900.

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

56.7240, 0.3506, 0.2900

Protanopia

56.9479, 0.2895, 0.2939

Deuteranopia

56.9392, 0.3160, 0.3095



Tritanopia

56.9286, 0.3666, 0.3155

Trichromacy



Original Color

56.7240, 0.3506, 0.2900



Protanomaly

56.2680, 0.3097, 0.2919



Deuteranomaly

56.3149, 0.3281, 0.3013



Tritanomaly

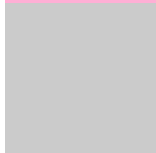
57.0818, 0.3606, 0.3062

Monochromacy



Original Color

56.7240, 0.3506, 0.2900



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.1745, 0.3256, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7240, 0.3506, 0.2900 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, 175, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 213)  
}
```

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, 175, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 213) }
```

Border

The CSS property to change the border of an element to Yxy 56.7240, 0.3506, 0.2900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

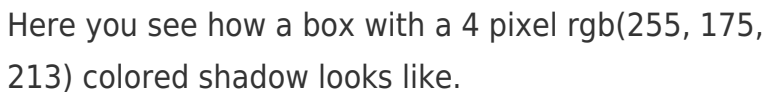
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 213) }
```

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

```
.border{ border-color:rgb(255, 175, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 213); box-shadow:4px 4px 4px 4px rgb(255, 175, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7240, 0.3506, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 213) }
```

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

```
.background{ background-color: rgb(255,  
175, 213) }
```

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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