

Converting Colors

Yxy(51.8167, 0.3463, 0.2683)

Have a look what the booklet for
Yxy(51.8167, 0.3463, 0.2683)
contains.

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Color

Yxy(51.9170, 0.3466, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1DC
RGB	255, 161, 220
RGB Percent	100%, 63%, 86%
CMY	0.0001, 0.3685, 0.1373
CMYK	0.00, 0.37, 0.14, 0.00
HSL	322°, 100%, 82%
HSV	322°, 37%, 100%
XYZ	66.8938, 51.9170, 74.1892
YIQ	195.8320, 37.0850, 38.2770

Conversions

Conversions Part 2

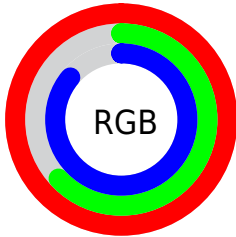
Format	Color
R _Y B	255, 161, 220
Decimal	16753116
CIE Lab	77.23, 42.89, -15.25
CIE LCh	77, 45.524, 340.432
Yxy	51.9170, 0.3466, 0.2690
Android (android.graphics.Color)	4294943196 (0xFFFFA1DC)
YUV	195.8320, 11.9148, 51.8903
Hunter-Lab	72.0535, 39.6243, -10.6100

Details

The Yxy color **51.9170, 0.3466, 0.2690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0706, 0.2897, 0.3983**, and the grayscale version is **55.0083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **25.1023, 0.3551, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **43.4075, 0.3596, 0.2531**, and if you desaturate by 10%, it is **62.2768, 0.3353, 0.2856**.

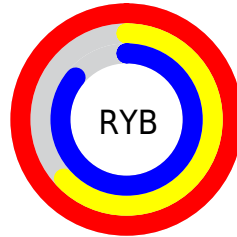
Distribution



Red (100%)

Green (63%)

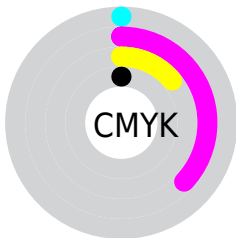
Blue (86%)



Red (100%)

Yellow (63%)

Blue (86%)

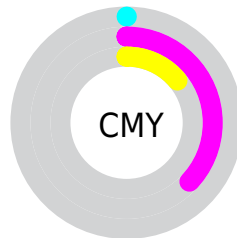


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9170, 0.3466, 0.2690 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 51.9170, 0.3466, 0.2690 by changing the saturation by 10% instead.


 51.9170, 0.3466,
0.2690


 51.9170, 0.3466,
0.2690


394.1161, 0.3307,
0.2969

 36.9389, 0.3503,
0.2626


 93.0088, 0.3411,
0.2787

 25.1602, 0.3548,
0.2547


 119.8914, 0.3389,
0.2825

 16.1965, 0.3606,
0.2447


151.5108, 0.3371,
0.2857

 9.6633, 0.3683,
0.2317

188.2516, 0.3355,
0.2885

 5.1763, 0.3787,
0.2140

230.4982, 0.3341,
0.2910

 2.3511, 0.3938,
0.1888

278.6348, 0.3328,

 0.8005, 0.4176,

0.2932

0.1503

333.0460, 0.3317,
0.2951

0.0000, 0.5079,
0.0000

0.0000, 0.0000,
0.0000

51.9170, 0.3466,
0.2690

51.9170, 0.3466,
0.2690

43.4075, 0.3596,
0.2531

62.2768, 0.3353,
0.2856

36.6295, 0.3742,
0.2390

74.5820, 0.3257,
0.3023

31.4616, 0.3901,
0.2277

88.9297, 0.3175,
0.3184

27.7635, 0.4070,
0.2205

99.9954, 0.3127,
0.3290

■ 25.3704, 0.4240,
0.2183

■ 24.0739, 0.4406,
0.2213

■ 23.7933, 0.4458,
0.2230

Harmonies

Analogous

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



51.9170, 0.2846, 0.2420



51.9170, 0.3466, 0.2690



51.9170, 0.4034, 0.3092

Triad

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



51.9170, 0.3466, 0.2690



51.9170, 0.3880, 0.4344



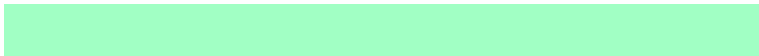
51.9170, 0.2054, 0.2832

Complementary

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



51.9170, 0.3466, 0.2690



83.0706, 0.2897, 0.3983

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.



51.9170, 0.2275, 0.3411



51.9170, 0.3466, 0.2690



51.9170, 0.3314, 0.4383

Square

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



51.9170, 0.3466, 0.2690



51.9170, 0.4265, 0.4013



51.9170, 0.2726, 0.4024



51.9170, 0.2084, 0.2463

Rectangle

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



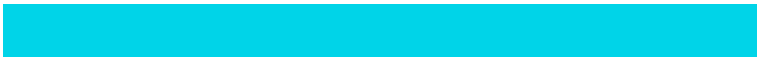
51.9170, 0.3466, 0.2690



51.9170, 0.4274, 0.3400



51.9170, 0.2726, 0.4024



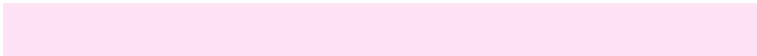
51.9170, 0.2099, 0.3007

Sweetspot

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



51.9194, 0.3466, 0.2690



82.7360, 0.3207, 0.3118



44.3814, 0.2696, 0.2240



17.2915, 0.3218, 0.3096



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.



51.9194, 0.3466, 0.2690



45.6594, 0.3557, 0.2575



49.7918, 0.3908, 0.3160



18.1789, 0.3195, 0.3142



12.4651, 0.4432, 0.2215



1.2348, 0.4255, 0.2118

Inverse Universe

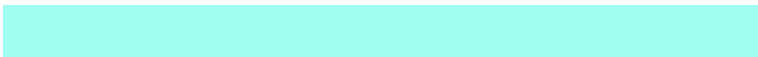
The Inverse Universe completely reimagines the original color for something new.



51.9194, 0.3466, 0.2690



45.6594, 0.3557, 0.2575



85.5219, 0.2668, 0.3429



18.1789, 0.3195, 0.3142



12.4651, 0.4432, 0.2215



1.2348, 0.4255, 0.2118

Previews

White Background



This preview shows how the Yxy color 51.9170, 0.3466, 0.2690 looks on a white background.

Color Contrast Check

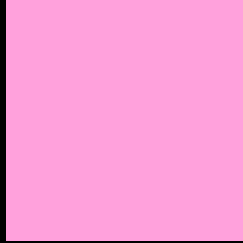
Large Text (above 18pt) WCAG AA × Fail

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 51.9170, 0.3466, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

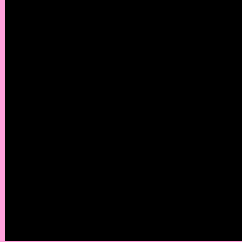
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9170, 0.3466, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 51.9170, 0.3466, 0.2690.



This preview shows how white text looks on a background with the Yxy color 51.9170, 0.3466, 0.2690.

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

51.9170, 0.3466, 0.2690

Protanopia

52.2109, 0.2706, 0.2697

Deuteranopia

52.0299, 0.3006, 0.2945



Tritanopia

51.6655, 0.3769, 0.3153

Trichromacy



Original Color

51.9170, 0.3466, 0.2690



Protanomaly

51.3318, 0.2953, 0.2687



Deuteranomaly

51.5141, 0.3165, 0.2838



Tritanomaly

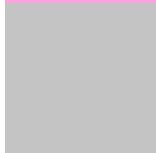
51.5458, 0.3663, 0.2976

Monochromacy



Original Color

51.9170, 0.3466, 0.2690



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.0265, 0.3240, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9170, 0.3466, 0.2690 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, 161, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 220)  
}
```

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, 161, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 220) }
```

Border

The CSS property to change the border of an element to Yxy 51.9170, 0.3466, 0.2690 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, 161, 220) }
```

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

```
.border{ border-color:rgb(255, 161, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9170, 0.3466, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 220) }
```

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

```
.background{ background-color: rgb(255,  
161, 220) }
```

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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