

Converting Colors

Yxy(59.2904, 0.3451, 0.2633)

Have a look what the booklet for
Yxy(59.2904, 0.3451, 0.2633)
contains.

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Color

Yxy(55.8090, 0.3302, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9EE
RGB	255, 169, 238
RGB Percent	100%, 66%, 93%
CMY	0.0001, 0.3372, 0.0668
CMYK	0.00, 0.34, 0.07, 0.00
HSL	312°, 100%, 83%
HSV	312°, 34%, 100%
XYZ	70.8502, 55.8090, 87.9083
YIQ	202.5800, 29.1070, 39.6910

Conversions

Conversions Part 2

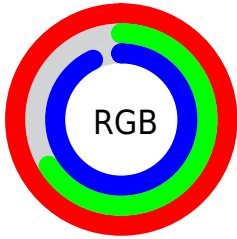
Format	Color
R _Y B	255, 169, 238
Decimal	16755182
CIE Lab	79.50, 41.69, -21.57
CIE LCh	80, 46.943, 332.648
Yxy	55.8090, 0.3302, 0.2601
Android (android.graphics.Color)	4294945262 (0xFFFFA9EE)
YUV	202.5800, 17.4621, 45.9723
Hunter-Lab	74.7054, 38.5539, -17.4747

Details

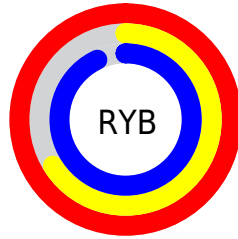
The Yxy color **55.8090, 0.3302, 0.2601** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4869, 0.2992, 0.4096**, and the grayscale version is **59.3205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **27.5092, 0.3337, 0.2441** is the 20% darker color. If you saturate the color by 10%, you get **46.9378, 0.3369, 0.2402**, and if you desaturate by 10%, it is **66.5432, 0.3242, 0.2808**.

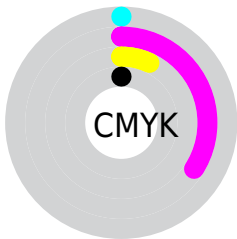
Distribution



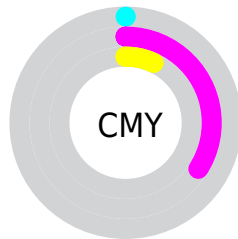
- Red (100%)
- Green (66%)
- Blue (93%)



- Red (100%)
- Yellow (66%)
- Blue (93%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8090, 0.3302, 0.2601 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 55.8090, 0.3302, 0.2601 by changing the saturation by 10% instead.

 55.8090, 0.3302,
0.2601

 55.8090, 0.3302,
0.2601

408.9713, 0.3226,
0.2914

 40.0498, 0.3318,
0.2531


 98.7253, 0.3277,
0.2708

 27.5774, 0.3337,
0.2445


126.6511, 0.3267,
0.2751

 18.0073, 0.3360,
0.2339


159.4013, 0.3258,
0.2787

 10.9552, 0.3388,
0.2201

197.3603, 0.3250,
0.2819

 6.0367, 0.3423,
0.2020

240.9123, 0.3243,
0.2847

 2.8674, 0.3465,
0.1770

290.4419, 0.3237,

 1.0629, 0.3513,

0.2872

0.1409

346.3335, 0.3231,
0.2894

0.0000, 0.3879,
0.0000

0.0000, 0.0000,
0.0000

55.8090, 0.3302,
0.2601

55.8090, 0.3302,
0.2601

46.9378, 0.3369,
0.2402

66.5432, 0.3242,
0.2808

39.8142, 0.3442,
0.2221

79.2323, 0.3189,
0.3016

34.3214, 0.3519,
0.2068

93.9709, 0.3143,
0.3217

30.3253, 0.3597,
0.1953

99.9950, 0.3127,
0.3290

■ 27.6705, 0.3675,
0.1883

■ 26.1672, 0.3750,
0.1860

■ 25.6412, 0.3796,
0.1865

Harmonies

Analogous

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



55.8090, 0.2698, 0.2374



55.8090, 0.3302, 0.2601



55.8090, 0.3910, 0.2976

Triad

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



55.8090, 0.3302, 0.2601



55.8090, 0.4008, 0.4285



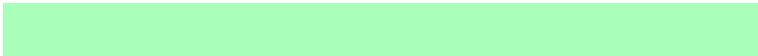
55.8090, 0.2081, 0.2963

Complementary

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



55.8090, 0.3302, 0.2601



83.4869, 0.2992, 0.4096

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.



55.8090, 0.2367, 0.3580



55.8090, 0.3302, 0.2601



55.8090, 0.3471, 0.4418

Square

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



55.8090, 0.3302, 0.2601



55.8090, 0.4325, 0.3904



55.8090, 0.2869, 0.4159



55.8090, 0.2047, 0.2530

Rectangle

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



55.8090, 0.3302, 0.2601



55.8090, 0.4205, 0.3277



55.8090, 0.2869, 0.4159



55.8090, 0.2148, 0.3155

Sweetspot

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



55.8115, 0.3302, 0.2601



84.4752, 0.3171, 0.3091



45.8903, 0.2626, 0.2309



17.6503, 0.3177, 0.3063



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.



55.8115, 0.3302, 0.2601



50.0308, 0.3343, 0.2474



53.6364, 0.3668, 0.3008



18.2352, 0.3168, 0.3101



13.4229, 0.3784, 0.1858



1.3219, 0.3706, 0.1815

Inverse Universe

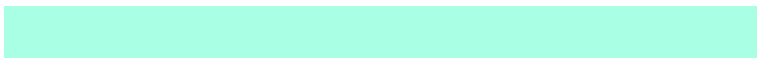
The Inverse Universe completely reimagines the original color for something new.



55.8115, 0.3302, 0.2601



50.0308, 0.3343, 0.2474



85.5287, 0.2778, 0.3596



18.2352, 0.3168, 0.3101



13.4229, 0.3784, 0.1858



1.3219, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 55.8090, 0.3302, 0.2601 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 55.8090, 0.3302, 0.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

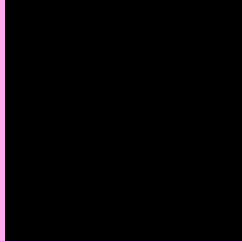
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8090, 0.3302, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 55.8090, 0.3302, 0.2601.



This preview shows how white text looks on a background with the Yxy color 55.8090, 0.3302, 0.2601.

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

55.8090, 0.3302, 0.2601

Protanopia

56.1953, 0.2638, 0.2608

Deuteranopia

56.2226, 0.2883, 0.2820



Tritanopia

55.7863, 0.3633, 0.3142

Trichromacy



Original Color

55.8090, 0.3302, 0.2601



Protanomaly

55.5127, 0.2854, 0.2599



Deuteranomaly

55.3392, 0.3026, 0.2730



Tritanomaly

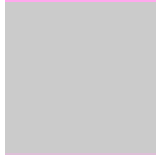
55.7726, 0.3507, 0.2936

Monochromacy



Original Color

55.8090, 0.3302, 0.2601



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.7491, 0.3188, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8090, 0.3302, 0.2601 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, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 238)  
}
```

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, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 238) }
```

Border

The CSS property to change the border of an element to Yxy 55.8090, 0.3302, 0.2601 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, 169, 238) }
```

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

```
.border{ border-color:rgb(255, 169, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8090, 0.3302, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 238) }
```

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

```
.background{ background-color: rgb(255,  
169, 238) }
```

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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