

Converting Colors

Yxy(54.9478, 0.3388, 0.2807)

Have a look what the booklet for
Yxy(54.9478, 0.3388, 0.2807)
contains.

Yxy(54.8286, 0.3381, 0.2800)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8286, 0.3381, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	F7ADDC
RGB	247, 173, 220
RGB Percent	97%, 68%, 86%
CMY	0.0315, 0.3215, 0.1374
CMYK	0.00, 0.30, 0.11, 0.03
HSL	322°, 82%, 82%
HSV	322°, 30%, 97%
XYZ	66.2055, 54.8286, 74.7823
YIQ	200.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

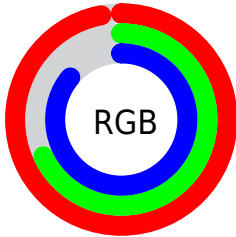
Format	Color
R_{YB}	247, 173, 220
Decimal	16231900
CIE _{Lab}	78.94, 33.99, -12.76
CIE _{LCh}	79, 36.306, 339.415
Yxy	54.8286, 0.3381, 0.2800
Android (android.graphics.Color)	4294421980 (0xFF7ADD)
YUV	200.4840, 9.6214, 40.7945
Hunter-Lab	74.0463, 30.0175, -8.0469

Details

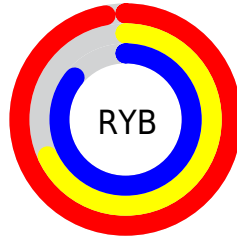
The Yxy color **54.8286, 0.3381, 0.2800** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.5556, 0.2939, 0.3838**, and the grayscale version is **57.9994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **27.0967, 0.3446, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **45.7524, 0.3496, 0.2634**, and if you desaturate by 10%, it is **65.6860, 0.3282, 0.2969**.

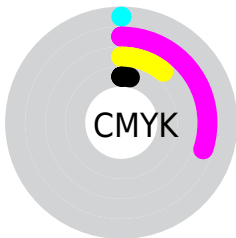
Distribution



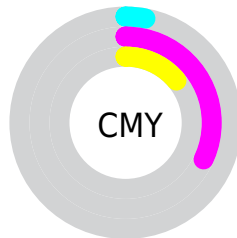
- Red (97%)
- Green (68%)
- Blue (86%)



- Red (97%)
- Yellow (68%)
- Blue (86%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8286, 0.3381, 0.2800 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 54.8286, 0.3381, 0.2800 by changing the saturation by 10% instead.

 54.8286, 0.3381,
0.2800

 54.8286, 0.3381,
0.2800

405.2619, 0.3262,
0.3028

 39.2645, 0.3408,
0.2748


 97.2898, 0.3340,
0.2879

 26.9656, 0.3442,
0.2683


124.9557, 0.3324,
0.2910

 17.5474, 0.3486,
0.2600


157.4243, 0.3310,
0.2937

 10.6255, 0.3542,
0.2492

195.0800, 0.3298,
0.2960

 5.8156, 0.3620,
0.2345

238.3072, 0.3287,
0.2980

 2.7333, 0.3733,
0.2133

287.4903, 0.3278,

 0.9941, 0.3910,

0.2998

0.1805

343.0138, 0.3270,
0.3014

0.0000, 0.4843,
0.0000

0.0000, 0.0000,
0.0000

54.8286, 0.3381,
0.2800

54.8286, 0.3381,
0.2800

45.7524, 0.3496,
0.2634

65.6860, 0.3282,
0.2969

38.3529, 0.3628,
0.2478

78.4068, 0.3198,
0.3133

32.5263, 0.3775,
0.2342

93.0768, 0.3127,
0.3291

28.1541, 0.3933,
0.2239

98.5068, 0.3078,
0.3290

■ 25.1006, 0.4098,
0.2180

■ 23.2045, 0.4264,
0.2172

■ 22.1998, 0.4424,
0.2211

■ 22.1944, 0.4425,
0.2211

Harmonies

Analogous

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



54.8286, 0.2895, 0.2584



54.8286, 0.3381, 0.2800



54.8286, 0.3824, 0.3128

Triad

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



54.8286, 0.3381, 0.2800



54.8286, 0.3745, 0.4117



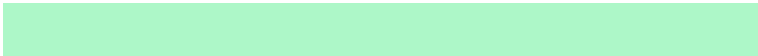
54.8286, 0.2269, 0.2954

Complementary

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



54.8286, 0.3381, 0.2800



79.5556, 0.2939, 0.3838

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.



54.8286, 0.2461, 0.3409



54.8286, 0.3381, 0.2800



54.8286, 0.3303, 0.4135

Square

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



54.8286, 0.3381, 0.2800



54.8286, 0.4034, 0.3870



54.8286, 0.2833, 0.3867



54.8286, 0.2285, 0.2644

Rectangle

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



54.8286, 0.3381, 0.2800



54.8286, 0.4016, 0.3380



54.8286, 0.2833, 0.3867



54.8286, 0.2311, 0.3095

Sweetspot

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



54.8311, 0.3381, 0.2800



85.6934, 0.3190, 0.3148



48.7406, 0.2784, 0.2456



17.8816, 0.3202, 0.3125



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.



54.8311, 0.3381, 0.2800



52.7719, 0.3450, 0.2697



53.1310, 0.3699, 0.3172



16.6596, 0.3194, 0.3141



11.7705, 0.4400, 0.2197



1.0542, 0.4210, 0.2093

Inverse Universe

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



54.8311, 0.3381, 0.2800



52.7719, 0.3450, 0.2697



81.4331, 0.2750, 0.3414



16.6596, 0.3194, 0.3141



11.7705, 0.4400, 0.2197



1.0542, 0.4210, 0.2093

Previews

White Background



This preview shows how the Yxy color 54.8286, 0.3381, 0.2800 looks on a white background.

Color Contrast Check

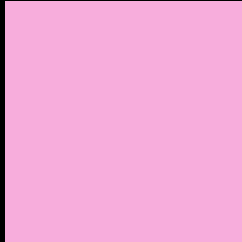
Large Text (above 18pt) WCAG AA × Fail

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 54.8286, 0.3381, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

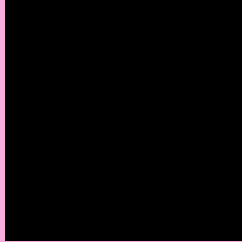
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8286, 0.3381, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 54.8286, 0.3381, 0.2800.



This preview shows how white text looks on a background with the Yxy color 54.8286, 0.3381, 0.2800.

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

54.8286, 0.3381, 0.2800

Protanopia

55.2155, 0.2804, 0.2821

Deuteranopia

55.2505, 0.3046, 0.2988



Tritanopia

54.7012, 0.3581, 0.3139

Trichromacy



Original Color

54.8286, 0.3381, 0.2800



Protanomaly

54.3303, 0.2991, 0.2802



Deuteranomaly

54.5586, 0.3161, 0.2908



Tritanomaly

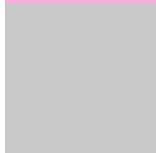
54.5480, 0.3506, 0.3012

Monochromacy



Original Color

54.8286, 0.3381, 0.2800



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.0836, 0.3218, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8286, 0.3381, 0.2800 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(247, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 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(247, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.8286, 0.3381, 0.2800 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(247, 173, 220) }
```

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

```
.border{ border-color:rgb(247, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8286, 0.3381, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 220) }
```

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

```
.background{ background-color: rgb(247,  
173, 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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