

Converting Colors

$Yxy(60.0243, 0.3257, 0.2776)$

Have a look what the booklet for
Yxy(60.0243, 0.3257, 0.2776)
contains.

Yxy(59.9956, 0.3256, 0.2777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.9956, 0.3256, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	F7B8EA
RGB	247, 184, 234
RGB Percent	97%, 72%, 92%
CMY	0.0314, 0.2784, 0.0824
CMYK	0.00, 0.25, 0.05, 0.03
HSL	312°, 80%, 85%
HSV	312°, 25%, 97%
XYZ	70.3441, 59.9956, 85.7049
YIQ	208.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

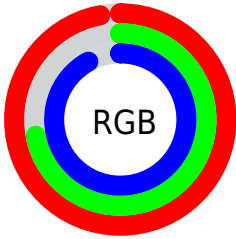
Format	Color
R _{YB}	247, 184, 234
Decimal	16234730
CIE Lab	81.84, 30.57, -15.98
CIE LCh	82, 34.491, 332.399
Yxy	59.9956, 0.3256, 0.2777
Android (android.graphics.Color)	4294424810 (0xFFFF7B8EA)
YUV	208.5370, 12.5533, 33.7321
Hunter-Lab	77.4568, 26.5593, -11.3838

Details

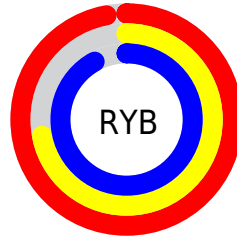
The Yxy color **59.9956, 0.3256, 0.2777** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.7371, 0.3020, 0.3864**, and the grayscale version is **63.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **30.1268, 0.3287, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **50.3275, 0.3320, 0.2573**, and if you desaturate by 10%, it is **71.4688, 0.3200, 0.2983**.

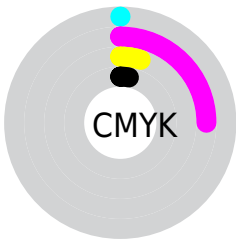
Distribution



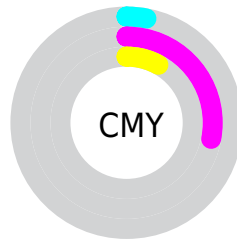
- Red (97%)
- Green (72%)
- Blue (92%)



- Red (97%)
- Yellow (72%)
- Blue (92%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (3%)




- Cyan (3%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9956, 0.3256, 0.2777 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 59.9956, 0.3256, 0.2777 by changing the saturation by 10% instead.


 59.9956, 0.3256,
0.2777

 59.9956, 0.3256,
0.2777

424.5816, 0.3199,
0.3012

 43.4151, 0.3268,
0.2724

 104.8233, 0.3237,
0.2858

 30.2109, 0.3283,
0.2659


133.8392, 0.3229,
0.2889

 19.9987, 0.3301,
0.2578


167.7691, 0.3223,
0.2917

 12.3941, 0.3324,
0.2472

206.9974, 0.3217,
0.2941

 7.0127, 0.3353,
0.2330

251.9083, 0.3212,
0.2962

 3.4700, 0.3391,
0.2131

302.8864, 0.3207,

 1.3818, 0.3441,

0.2980

0.1833

360.3160, 0.3203,
0.2997

0.2032, 0.3720,
0.0802

0.0000, 0.0000,
0.0000

59.9956, 0.3256,
0.2777

59.9956, 0.3256,
0.2777

50.3275, 0.3320,
0.2573

71.4688, 0.3200,
0.2983

42.3634, 0.3390,
0.2378

84.8254, 0.3151,
0.3183

36.0042, 0.3467,
0.2203

98.1489, 0.3110,
0.3345

31.1377, 0.3548,
0.2057

98.4719, 0.3081,
0.3296

■ 27.6368, 0.3630,
0.1950

■ 98.5117, 0.3078,
0.3290

■ 25.3536, 0.3712,
0.1890

■ 24.1050, 0.3790,
0.1876

■ 23.7575, 0.3824,
0.1880

Harmonies

Analogous

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



59.9956, 0.2817, 0.2606



59.9956, 0.3256, 0.2777



59.9956, 0.3686, 0.3064

Triad

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



59.9956, 0.3256, 0.2777



59.9956, 0.3779, 0.4017



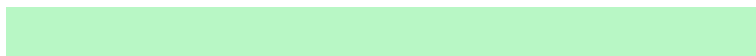
59.9956, 0.2356, 0.3073

Complementary

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



59.9956, 0.3256, 0.2777



80.7371, 0.3020, 0.3864

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.



59.9956, 0.2580, 0.3505



59.9956, 0.3256, 0.2777



59.9956, 0.3395, 0.4086

Square

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



59.9956, 0.3256, 0.2777



59.9956, 0.3994, 0.3759



59.9956, 0.2955, 0.3897



59.9956, 0.2325, 0.2747

Rectangle

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



59.9956, 0.3256, 0.2777



59.9956, 0.3895, 0.3293



59.9956, 0.2955, 0.3897



59.9956, 0.2411, 0.3211

Sweetspot

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



59.9983, 0.3256, 0.2777



87.3996, 0.3163, 0.3133



52.8188, 0.2775, 0.2578



18.2323, 0.3170, 0.3103



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.



59.9983, 0.3256, 0.2777



58.5043, 0.3290, 0.2663



58.3657, 0.3509, 0.3091



16.7063, 0.3170, 0.3104



12.5874, 0.3812, 0.1874



1.1207, 0.3722, 0.1824

Inverse Universe

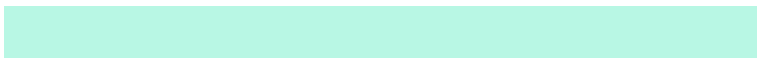
The Inverse Universe completely reimagines the original color for something new.



59.9983, 0.3256, 0.2777



58.5043, 0.3290, 0.2663



82.3120, 0.2851, 0.3500



16.7063, 0.3170, 0.3104



12.5874, 0.3812, 0.1874



1.1207, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 59.9956, 0.3256, 0.2777 looks on a white background.

Color Contrast Check

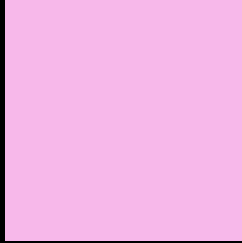
Large Text (above 18pt) WCAG AA × Fail

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 59.9956, 0.3256, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

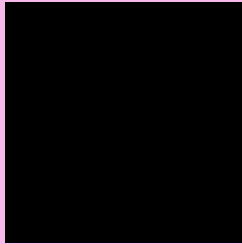
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9956, 0.3256, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 59.9956, 0.3256, 0.2777.



This preview shows how white text looks on a background with the Yxy color 59.9956, 0.3256, 0.2777.

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

59.9956, 0.3256, 0.2777

Protanopia

60.3642, 0.2777, 0.2794

Deuteranopia

60.4653, 0.2993, 0.2932



Tritanopia

59.8095, 0.3458, 0.3130

Trichromacy



Original Color

59.9956, 0.3256, 0.2777



Protanomaly

59.5872, 0.2933, 0.2775



Deuteranomaly

60.2571, 0.3085, 0.2877



Tritanomaly

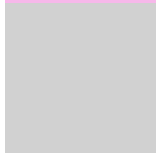
59.6800, 0.3379, 0.2995

Monochromacy



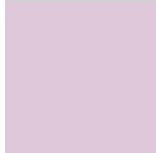
Original Color

59.9956, 0.3256, 0.2777



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.0585, 0.3175, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9956, 0.3256, 0.2777 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, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 234)  
}
```

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, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 234) }
```

Border

The CSS property to change the border of an element to Yxy 59.9956, 0.3256, 0.2777 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, 184, 234) }
```

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

```
.border{ border-color:rgb(247, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9956, 0.3256, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 234) }
```

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

```
.background{ background-color: rgb(247,  
184, 234) }
```

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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