

Converting Colors

$Yxy(60.7543, 0.3271, 0.2818)$

Have a look what the booklet for
Yxy(60.7543, 0.3271, 0.2818)
contains.

Yxy(60.7182, 0.3270, 0.2817)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7182, 0.3270, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	F7BAE8
RGB	247, 186, 232
RGB Percent	97%, 73%, 91%
CMY	0.0313, 0.2706, 0.0902
CMYK	0.00, 0.25, 0.06, 0.03
HSL	315°, 79%, 85%
HSV	315°, 25%, 97%
XYZ	70.4823, 60.7182, 84.3416
YIQ	209.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

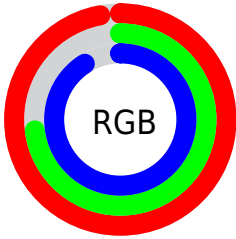
Format	Color
R _Y B	247, 186, 232
Decimal	16235240
CIE Lab	82.23, 29.18, -14.32
CIE LCh	82, 32.501, 333.855
Yxy	60.7182, 0.3270, 0.2817
Android (android.graphics.Color)	4294425320 (0xFFF7BAE8)
YUV	209.4830, 11.1009, 32.9024
Hunter-Lab	77.9219, 25.0943, -9.6294

Details

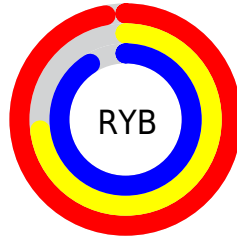
The Yxy color $60.7182, 0.3270, 0.2817$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.1828, 0.3010, 0.3815$, and the grayscale version is $64.0096, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.5843, 0.3305, 0.2709$ is the 20% darker color. If you saturate the color by 10%, you get $50.8577, 0.3344, 0.2621$, and if you desaturate by 10%, it is $72.3949, 0.3206, 0.3013$.

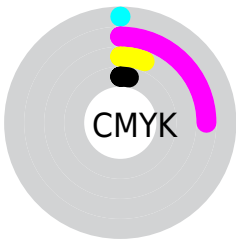
Distribution



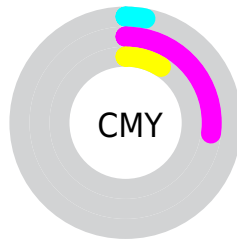
- Red (97%)
- Green (73%)
- Blue (91%)



- Red (97%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7182, 0.3270, 0.2817 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 60.7182, 0.3270, 0.2817 by changing the saturation by 10% instead.


 60.7182, 0.3270,
0.2817

 60.7182, 0.3270,
0.2817

427.2400, 0.3206,
0.3034

 43.9978, 0.3284,
0.2768

 105.8708, 0.3248,
0.2892

 30.6688, 0.3301,
0.2708


135.0718, 0.3240,
0.2921

 20.3468, 0.3323,
0.2632


169.2017, 0.3232,
0.2946

 12.6474, 0.3350,
0.2534

208.6451, 0.3226,
0.2968

 7.1862, 0.3385,
0.2402

253.7862, 0.3220,
0.2988

 3.5788, 0.3434,
0.2215

305.0094, 0.3215,

 1.4409, 0.3502,

0.3005

0.1934

362.6992, 0.3210,
0.3020

0.2465, 0.3803,
0.0986

0.0000, 0.0000,
0.0000

60.7182, 0.3270,
0.2817

60.7182, 0.3270,
0.2817

50.8577, 0.3344,
0.2621

72.3949, 0.3206,
0.3013

42.7126, 0.3427,
0.2433

85.9656, 0.3150,
0.3204

36.1846, 0.3518,
0.2263

98.2118, 0.3105,
0.3336

31.1625, 0.3615,
0.2120

98.5152, 0.3078,
0.3290

■ 27.5203, 0.3716,
0.2016

■ 25.1122, 0.3817,
0.1958

■ 23.7586, 0.3914,
0.1948

■ 23.3293, 0.3965,
0.1958

Harmonies

Analogous

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



60.7182, 0.2855, 0.2649



60.7182, 0.3270, 0.2817



60.7182, 0.3668, 0.3093

Triad

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



60.7182, 0.3270, 0.2817



60.7182, 0.3726, 0.3982



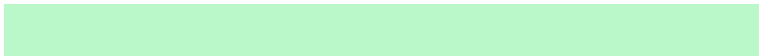
60.7182, 0.2395, 0.3071

Complementary

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



60.7182, 0.3270, 0.2817



81.1828, 0.3010, 0.3815

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.



60.7182, 0.2599, 0.3472



60.7182, 0.3270, 0.2817



60.7182, 0.3361, 0.4031

Square

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



60.7182, 0.3270, 0.2817



60.7182, 0.3937, 0.3749



60.7182, 0.2948, 0.3842



60.7182, 0.2374, 0.2769

Rectangle

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



60.7182, 0.3270, 0.2817



60.7182, 0.3858, 0.3312



60.7182, 0.2948, 0.3842



60.7182, 0.2444, 0.3198

Sweetspot

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



60.7209, 0.3270, 0.2817



88.8555, 0.3162, 0.3160



54.1480, 0.2803, 0.2606



18.8235, 0.3166, 0.3149



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.



60.7209, 0.3270, 0.2817



59.3662, 0.3308, 0.2712



59.1724, 0.3511, 0.3119



16.6945, 0.3176, 0.3113



12.3612, 0.3950, 0.1949



1.1026, 0.3836, 0.1887

Inverse Universe

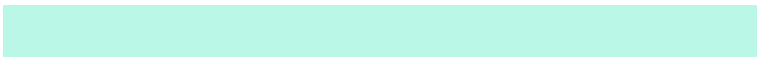
The Inverse Universe completely reimagines the original color for something new.



60.7209, 0.3270, 0.2817



59.3662, 0.3308, 0.2712



82.7196, 0.2848, 0.3470



16.6945, 0.3176, 0.3113



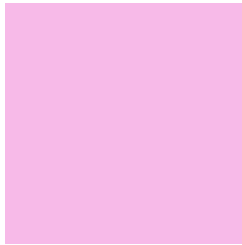
12.3612, 0.3950, 0.1949



1.1026, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 60.7182, 0.3270, 0.2817 looks on a white background.

Color Contrast Check

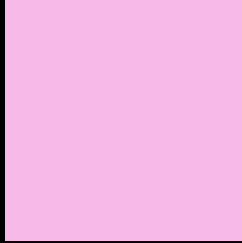
Large Text (above 18pt) WCAG AA × Fail

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 60.7182, 0.3270, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

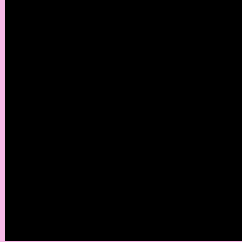
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7182, 0.3270, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 60.7182, 0.3270, 0.2817.



This preview shows how white text looks on a background with the Yxy color 60.7182, 0.3270, 0.2817.

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

60.7182, 0.3270, 0.2817

Protanopia

61.0533, 0.2817, 0.2840

Deuteranopia

60.6501, 0.3021, 0.2955



Tritanopia

60.9025, 0.3454, 0.3142

Trichromacy



Original Color

60.7182, 0.3270, 0.2817



Protanomaly

60.6116, 0.2968, 0.2830



Deuteranomaly

60.3043, 0.3107, 0.2899



Tritanomaly

60.7140, 0.3385, 0.3017

Monochromacy



Original Color

60.7182, 0.3270, 0.2817



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.4710, 0.3182, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7182, 0.3270, 0.2817 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, 186, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 232)  
}
```

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, 186, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.7182, 0.3270, 0.2817 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, 186, 232) }
```

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

```
.border{ border-color:rgb(247, 186, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 186, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7182, 0.3270, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 232) }
```

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

```
.background{ background-color: rgb(247,  
186, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor