

Converting Colors

Yxy(60.4144, 0.3173, 0.2640)

Have a look what the booklet for
Yxy(60.4144, 0.3173, 0.2640)
contains.

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Color

Yxy(60.3110, 0.3174, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	F9B6F7
RGB	249, 182, 247
RGB Percent	98%, 71%, 97%
CMY	0.0234, 0.2863, 0.0314
CMYK	0.00, 0.27, 0.01, 0.02
HSL	302°, 85%, 85%
HSV	302°, 27%, 98%
XYZ	72.5928, 60.3110, 95.8069
YIQ	209.4430, 19.0670, 34.4190

Conversions

Conversions Part 2

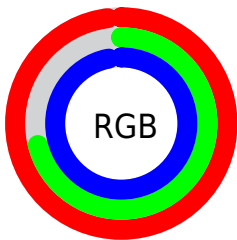
Format	Color
R _Y B	249, 182, 247
Decimal	16365303
CIE _{Lab}	82.01, 34.60, -22.67
CIE _{LCh}	82, 41.364, 326.762
Y _{xy}	60.3110, 0.3174, 0.2637
Android (android.graphics.Color)	4294555383 (0xFFFF9B6F7)
YUV	209.4430, 18.5156, 34.6915
Hunter-Lab	77.6602, 30.9474, -18.7821

Details

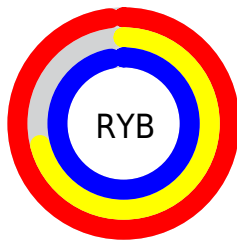
The Yxy color $60.3110, 0.3174, 0.2637$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.1816, 0.3079, 0.4043$, and the grayscale version is $63.9348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $30.4064, 0.3175, 0.2485$ is the 20% darker color. If you saturate the color by 10%, you get $50.9582, 0.3193, 0.2399$, and if you desaturate by 10%, it is $71.4830, 0.3156, 0.2882$.

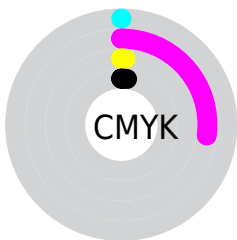
Distribution



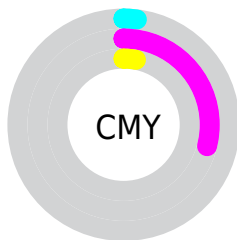
- Red (98%)
- Green (71%)
- Blue (97%)



- Red (98%)
- Yellow (71%)
- Blue (97%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3110, 0.3174, 0.2637 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 60.3110, 0.3174, 0.2637 by changing the saturation by 10% instead.


 60.3110, 0.3174,
0.2637

 60.3110, 0.3174,
0.2637


425.7432, 0.3159,
0.2932

 43.6694, 0.3176,
0.2572


 105.2807, 0.3170,
0.2738

 30.4107, 0.3178,
0.2492


134.3775, 0.3168,
0.2777

 20.1505, 0.3179,
0.2393


168.3949, 0.3166,
0.2812

 12.5045, 0.3178,
0.2267

207.7171, 0.3164,
0.2842

 7.0882, 0.3174,
0.2100

252.7287, 0.3163,
0.2868

 3.5173, 0.3160,
0.1871


303.8139, 0.3161,


 1.4074, 0.3124,


0.2892


0.1543


361.3573, 0.3160,
0.2913


 0.2222, 0.3154,
0.0652


 0.0000, 0.0056,
0.0000


 60.3110, 0.3174,
0.2637


 60.3110, 0.3174,
0.2637


 50.9582, 0.3193,
0.2399


 71.4830, 0.3156,
0.2882


 43.3206, 0.3212,
0.2177

 84.5553, 0.3138,
0.3126

 37.2958, 0.3230,
0.1981

 98.5236, 0.3123,
0.3345

 32.7673, 0.3247,
0.1820

 98.5711, 0.3119,
0.3338

29.6031, 0.3262,
0.1701

98.6188, 0.3114,
0.3331

27.6482, 0.3275,
0.1625

98.6667, 0.3110,
0.3323

26.7051, 0.3285,
0.1591

98.7148, 0.3106,
0.3316

26.5248, 0.3288,
0.1585

98.7631, 0.3101,
0.3309

98.8116, 0.3097,
0.3301

Harmonies

Analogous

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



60.3110, 0.2670, 0.2468



60.3110, 0.3174, 0.2637



60.3110, 0.3707, 0.2948

Triad

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



60.3110, 0.3174, 0.2637



60.3110, 0.3967, 0.4105



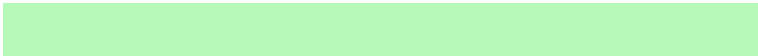
60.3110, 0.2249, 0.3113

Complementary

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



60.3110, 0.3174, 0.2637



81.1816, 0.3079, 0.4043

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.



60.3110, 0.2546, 0.3646



60.3110, 0.3174, 0.2637



60.3110, 0.3533, 0.4256

Square

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



60.3110, 0.3174, 0.2637



60.3110, 0.4181, 0.3760



60.3110, 0.3012, 0.4095



60.3110, 0.2172, 0.2696

Rectangle

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



60.3110, 0.3174, 0.2637



60.3110, 0.3989, 0.3207



60.3110, 0.3012, 0.4095



60.3110, 0.2324, 0.3286

Sweetspot

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



60.3136, 0.3174, 0.2637



87.6279, 0.3140, 0.3099



50.3739, 0.2665, 0.2515



18.2903, 0.3143, 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.



60.3136, 0.3174, 0.2637



58.3617, 0.3184, 0.2514



58.4738, 0.3433, 0.2952



17.5149, 0.3143, 0.3063



14.1973, 0.3287, 0.1584



1.3177, 0.3277, 0.1579

Inverse Universe

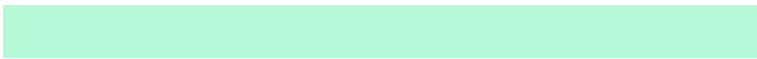
The Inverse Universe completely reimagines the original color for something new.



60.3136, 0.3174, 0.2637



58.3617, 0.3184, 0.2514



82.7101, 0.2902, 0.3655



17.5149, 0.3143, 0.3063



14.1973, 0.3287, 0.1584



1.3177, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 60.3110, 0.3174, 0.2637 looks on a white background.

Color Contrast Check

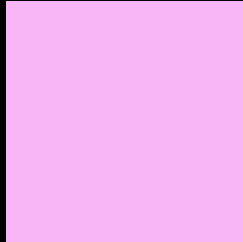
Large Text (above 18pt) WCAG AA × Fail

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 60.3110, 0.3174, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

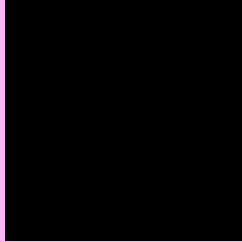
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3110, 0.3174, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 60.3110, 0.3174, 0.2637.



This preview shows how white text looks on a background with the Yxy color 60.3110, 0.3174, 0.2637.

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

60.3110, 0.3174, 0.2637

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.8193, 0.2864, 0.2802



Tritanopia

60.2894, 0.3448, 0.3131

Trichromacy



Original Color

60.3110, 0.3174, 0.2637



Protanomaly

60.0555, 0.2860, 0.2674



Deuteranomaly

60.1047, 0.2971, 0.2732



Tritanomaly

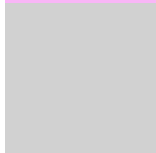
60.1204, 0.3347, 0.2945

Monochromacy



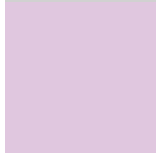
Original Color

60.3110, 0.3174, 0.2637



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.0219, 0.3147, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3110, 0.3174, 0.2637 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(249, 182, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 247)  
}
```

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(249, 182, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 247) }
```

Border

The CSS property to change the border of an element to Yxy 60.3110, 0.3174, 0.2637 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(249, 182, 247) }
```

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

```
.border{ border-color:rgb(249, 182, 247) }
```

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

Here you see how a box with a 4 pixel rgb(249, 182, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3110, 0.3174, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 247) }
```

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

```
.background{ background-color: rgb(249,  
182, 247) }
```

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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