

Converting Colors

$Y_{xy}(60.5231, 0.3140, 0.2685)$

Have a look what the booklet for
Yxy(60.5231, 0.3140, 0.2685)
contains.

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Color

Yxy(60.7651, 0.3140, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	F3BAF5
RGB	243, 186, 245
RGB Percent	95%, 73%, 96%
CMY	0.0469, 0.2706, 0.0392
CMYK	0.01, 0.24, 0.00, 0.04
HSL	298°, 75%, 85%
HSV	298°, 24%, 96%
XYZ	71.0095, 60.7651, 94.3702
YIQ	209.7690, 15.0330, 30.4330

Conversions

Conversions Part 2

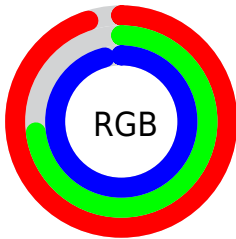
Format	Color
R _Y B	243, 186, 245
Decimal	15973109
CIE Lab	82.25, 30.19, -21.29
CIE LCh	82, 36.942, 324.815
Yxy	60.7651, 0.3140, 0.2687
Android (android.graphics.Color)	4294163189 (0xFFFF3BAF5)
YUV	209.7690, 17.3689, 29.1436
Hunter-Lab	77.9520, 26.1866, -17.2113

Details

The Yxy color $60.7651, 0.3140, 0.2687$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.5353, 0.3108, 0.3971$, and the grayscale version is $64.1689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.6158, 0.3131, 0.2543$ is the 20% darker color. If you saturate the color by 10%, you get $51.1702, 0.3144, 0.2437$, and if you desaturate by 10%, it is $72.1356, 0.3135, 0.2941$.

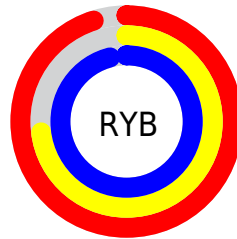
Distribution



Red (95%)

Green (73%)

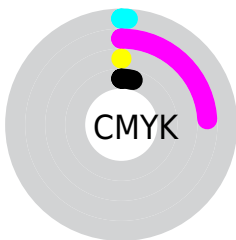
Blue (96%)



Red (95%)

Yellow (73%)

Blue (96%)

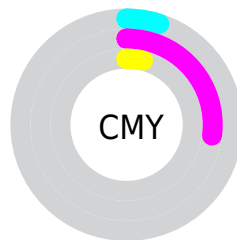


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (5%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7651, 0.3140, 0.2687 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 60.7651, 0.3140, 0.2687 by changing the saturation by 10% instead.


 60.7651, 0.3140,
0.2687

 60.7651, 0.3140,
0.2687

427.4122, 0.3140,
0.2960

 44.0356, 0.3139,
0.2626


 105.9387, 0.3141,
0.2781

 30.6985, 0.3137,
0.2552


135.1517, 0.3141,
0.2817

 20.3694, 0.3133,
0.2459


169.2946, 0.3141,
0.2849

 12.6638, 0.3126,
0.2339

208.7519, 0.3141,
0.2877

 7.1975, 0.3114,
0.2181

253.9079, 0.3141,
0.2902

 3.5859, 0.3090,
0.1963


305.1470, 0.3140,

 1.4447, 0.3039,


0.2923


0.1645


362.8536, 0.3140,
0.2943


 0.2493, 0.3038,
0.0772


 0.0000, 0.0000,
0.0000


 60.7651, 0.3140,
0.2687


 60.7651, 0.3140,
0.2687


 51.1702, 0.3144,
0.2437


 72.1356, 0.3135,
0.2941

 43.2526, 0.3146,
0.2200


 85.3576, 0.3130,
0.3191

 36.9169, 0.3146,
0.1987


 97.6117, 0.3126,
0.3387

 32.0545, 0.3145,
0.1806

 97.7594, 0.3131,
0.3387

 28.5435, 0.3141,
0.1665


 97.9078, 0.3136,
0.3387

 26.2422, 0.3136,
0.1567

 98.0568, 0.3141,
0.3387

 24.9779, 0.3129,
0.1513

 98.2064, 0.3146,
0.3387

 24.5670, 0.3125,
0.1495

 98.3568, 0.3151,
0.3387

 98.5077, 0.3156,
0.3387

Harmonies

Analogous

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



60.7651, 0.2694, 0.2544



60.7651, 0.3140, 0.2687



60.7651, 0.3616, 0.2963

Triad

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



60.7651, 0.3140, 0.2687



60.7651, 0.3900, 0.4007



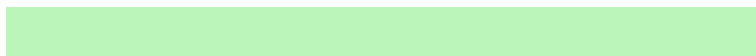
60.7651, 0.2350, 0.3166

Complementary

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



60.7651, 0.3140, 0.2687



79.5353, 0.3108, 0.3971

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.



60.7651, 0.2632, 0.3637



60.7651, 0.3140, 0.2687



60.7651, 0.3524, 0.4147

Square

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



60.7651, 0.3140, 0.2687



60.7651, 0.4070, 0.3696



60.7651, 0.3059, 0.4017



60.7651, 0.2265, 0.2782

Rectangle

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



60.7651, 0.3140, 0.2687



60.7651, 0.3873, 0.3196



60.7651, 0.3059, 0.4017



60.7651, 0.2423, 0.3321

Sweetspot

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



60.7677, 0.3140, 0.2687



89.0225, 0.3131, 0.3118



53.4020, 0.2717, 0.2642



18.8623, 0.3132, 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.



60.7677, 0.3140, 0.2687



61.0832, 0.3142, 0.2562



59.6128, 0.3361, 0.2950



16.7385, 0.3133, 0.3057



13.2477, 0.3126, 0.1496



1.1730, 0.3137, 0.1502

Inverse Universe

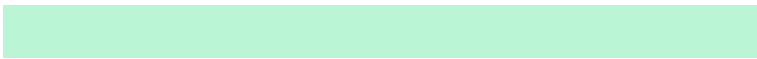
The Inverse Universe completely reimagines the original color for something new.



58.1566, 0.3615, 0.3270



57.7685, 0.3753, 0.3266



80.5232, 0.2946, 0.3658



16.4915, 0.3289, 0.3283



10.4715, 0.6366, 0.3281



0.9234, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 60.7651, 0.3140, 0.2687 looks on a white background.

Color Contrast Check

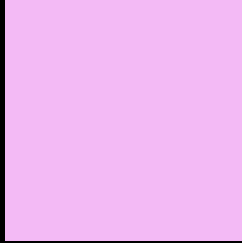
Large Text (above 18pt) WCAG AA × Fail

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 60.7651, 0.3140, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

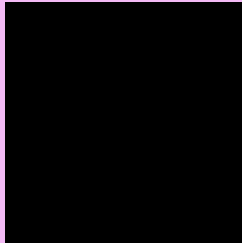
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7651, 0.3140, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 60.7651, 0.3140, 0.2687.



This preview shows how white text looks on a background with the Yxy color 60.7651, 0.3140, 0.2687.

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

60.7651, 0.3140, 0.2687

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

60.9848, 0.2891, 0.2825



Tritanopia

60.8711, 0.3378, 0.3129

Trichromacy



Original Color

60.7651, 0.3140, 0.2687



Protanomaly

60.7464, 0.2860, 0.2705



Deuteranomaly

60.7169, 0.2978, 0.2772



Tritanomaly

60.5726, 0.3296, 0.2962

Monochromacy



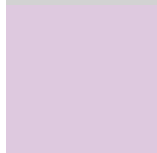
Original Color

60.7651, 0.3140, 0.2687



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.6306, 0.3131, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7651, 0.3140, 0.2687 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(243, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(243, 186, 245)  
}
```

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(243, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 186, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.7651, 0.3140, 0.2687 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(243, 186, 245) }
```

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

```
.border{ border-color:rgb(243, 186, 245) }
```

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

Here you see how a box with a 4 pixel rgb(243, 186, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 186,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7651, 0.3140, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 186, 245) }
```

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

```
.background{ background-color: rgb(243,  
186, 245) }
```

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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