

Converting Colors

Yxy(61.5439, 0.3251, 0.2764)

Have a look what the booklet for
Yxy(61.5439, 0.3251, 0.2764)
contains.

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Color

Yxy(61.6149, 0.3247, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	FABAEE
RGB	250, 186, 238
RGB Percent	98%, 73%, 93%
CMY	0.0197, 0.2705, 0.0666
CMYK	0.00, 0.26, 0.05, 0.02
HSL	311°, 86%, 85%
HSV	311°, 26%, 98%
XYZ	72.4081, 61.6149, 88.9770
YIQ	211.0640, 21.4520, 29.7400

Conversions

Conversions Part 2

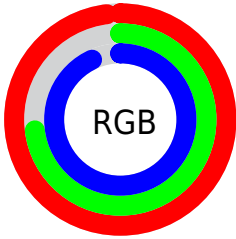
Format	Color
R _Y B	250, 186, 238
Decimal	16431854
CIE Lab	82.71, 31.19, -16.80
CIE LCh	83, 35.422, 331.694
Yxy	61.6149, 0.3247, 0.2763
Android (android.graphics.Color)	4294621934 (0xFFFA ^B AEE)
YUV	211.0640, 13.2794, 34.1469
Hunter-Lab	78.4952, 27.2913, -12.2607

Details

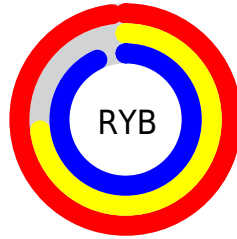
The Yxy color $61.6149, 0.3247, 0.2763$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.8671, 0.3027, 0.3882$, and the grayscale version is $65.0870, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.2174, 0.3274, 0.2642$ is the 20% darker color. If you saturate the color by 10%, you get $51.7183, 0.3306, 0.2555$, and if you desaturate by 10%, it is $73.3663, 0.3195, 0.2973$.

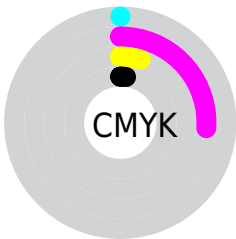
Distribution



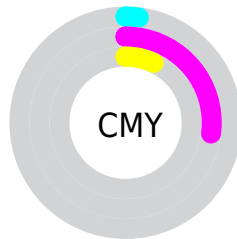
- Red (98%)
- Green (73%)
- Blue (93%)



- Red (98%)
- Yellow (73%)
- Blue (93%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (2%)




- Cyan (2%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6149, 0.3247, 0.2763 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 61.6149, 0.3247, 0.2763 by changing the saturation by 10% instead.

 61.6149, 0.3247,
0.2763

 61.6149, 0.3247,
0.2763

430.5250, 0.3195,
0.3003

 44.7216, 0.3258,
0.2709


 107.1688, 0.3230,
0.2845

 31.2382, 0.3271,
0.2644


136.5981, 0.3223,
0.2878

 20.7803, 0.3287,
0.2561


170.9749, 0.3217,
0.2905

 12.9635, 0.3307,
0.2455

210.6836, 0.3211,
0.2930

 7.4034, 0.3332,
0.2314

256.1086, 0.3206,
0.2951

 3.7157, 0.3364,
0.2117


307.6342, 0.3202,

 1.5158, 0.3403,


0.2970


0.1824


365.6449, 0.3198,
0.2987

 0.2998, 0.3581,
0.1010

 0.0000, 0.0000,
0.0000


 61.6149, 0.3247,
0.2763


 61.6149, 0.3247,
0.2763

 51.7183, 0.3306,
0.2555


 73.3663, 0.3195,
0.2973

 43.5723, 0.3370,
0.2356

 87.0533, 0.3150,
0.3179

 37.0750, 0.3440,
0.2178

 98.8677, 0.3113,
0.3318

 32.1105, 0.3513,
0.2030

 99.0576, 0.3096,
0.3290

■ 28.5479, 0.3587,
0.1921

■ 26.2344, 0.3659,
0.1858

■ 24.9812, 0.3728,
0.1841

■ 24.6416, 0.3758,
0.1844

Harmonies

Analogous

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



61.6149, 0.2802, 0.2593



61.6149, 0.3247, 0.2763



61.6149, 0.3687, 0.3052

Triad

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



61.6149, 0.3247, 0.2763



61.6149, 0.3798, 0.4025



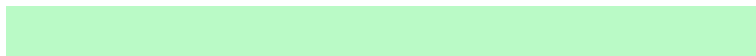
61.6149, 0.2347, 0.3078

Complementary

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



61.6149, 0.3247, 0.2763



82.8671, 0.3027, 0.3882

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.



61.6149, 0.2578, 0.3519



61.6149, 0.3247, 0.2763



61.6149, 0.3409, 0.4102

Square

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



61.6149, 0.3247, 0.2763



61.6149, 0.4012, 0.3758



61.6149, 0.2962, 0.3916



61.6149, 0.2310, 0.2743

Rectangle

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



61.6149, 0.3247, 0.2763



61.6149, 0.3903, 0.3284



61.6149, 0.2962, 0.3916



61.6149, 0.2403, 0.3219

Sweetspot

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



61.6176, 0.3247, 0.2763



87.4248, 0.3160, 0.3130



53.9968, 0.2766, 0.2574



18.2387, 0.3167, 0.3099



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.



61.6176, 0.3247, 0.2763



58.5959, 0.3278, 0.2649



59.9130, 0.3502, 0.3079



17.4657, 0.3167, 0.3099



13.0949, 0.3748, 0.1838



1.2267, 0.3671, 0.1796

Inverse Universe

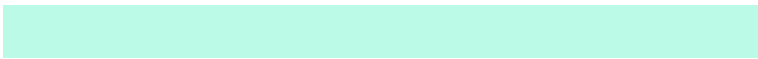
The Inverse Universe completely reimagines the original color for something new.



61.6176, 0.3247, 0.2763



58.5959, 0.3278, 0.2649



84.4885, 0.2855, 0.3513



17.4657, 0.3167, 0.3099



13.0949, 0.3748, 0.1838



1.2267, 0.3671, 0.1796

Previews

White Background



This preview shows how the Yxy color 61.6149, 0.3247, 0.2763 looks on a white background.

Color Contrast Check

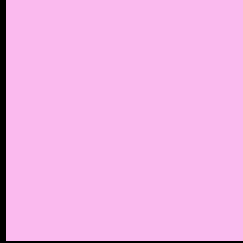
Large Text (above 18pt) WCAG AA × Fail

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 61.6149, 0.3247, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

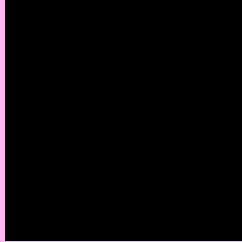
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6149, 0.3247, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 61.6149, 0.3247, 0.2763.



This preview shows how white text looks on a background with the Yxy color 61.6149, 0.3247, 0.2763.

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

61.6149, 0.3247, 0.2763

Protanopia

61.8236, 0.2768, 0.2778

Deuteranopia

61.9176, 0.2981, 0.2914



Tritanopia

61.7971, 0.3453, 0.3132

Trichromacy



Original Color

61.6149, 0.3247, 0.2763



Protanomaly

61.1853, 0.2929, 0.2760



Deuteranomaly

61.7047, 0.3071, 0.2860



Tritanomaly

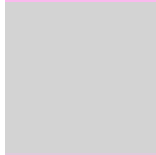
61.6630, 0.3376, 0.2998

Monochromacy



Original Color

61.6149, 0.3247, 0.2763



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.4691, 0.3168, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6149, 0.3247, 0.2763 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(250, 186, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 186, 238)  
}
```

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(250, 186, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 186, 238) }
```

Border

The CSS property to change the border of an element to Yxy 61.6149, 0.3247, 0.2763 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(250, 186, 238) }
```

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

```
.border{ border-color:rgb(250, 186, 238) }
```

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

Here you see how a box with a 4 pixel rgb(250, 186, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 186, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 186, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 186,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6149, 0.3247, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 186, 238) }
```

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

```
.background{ background-color: rgb(250,  
186, 238) }
```

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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