

Converting Colors

Yxy(72.4602, 0.3153, 0.2866)

Have a look what the booklet for
Yxy(72.4602, 0.3153, 0.2866)
contains.

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Color

Yxy(72.5860, 0.3147, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0FB
RGB	251, 208, 251
RGB Percent	98%, 82%, 98%
CMY	0.0156, 0.1843, 0.0156
CMYK	0.00, 0.17, 0.00, 0.02
HSL	300°, 84%, 90%
HSV	300°, 17%, 98%
XYZ	79.7584, 72.5860, 101.0983
YIQ	225.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

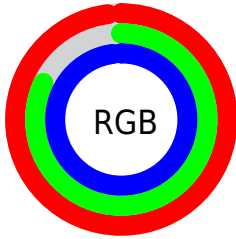
Format	Color
R _Y B	251, 208, 251
Decimal	16503035
CIE Lab	88.25, 22.26, -15.37
CIE LCh	88, 27.050, 325.365
Yxy	72.5860, 0.3147, 0.2864
Android (android.graphics.Color)	4294693115 (0xFFFBD0FB)
YUV	225.7590, 12.4438, 22.1364
Hunter-Lab	85.1974, 18.0091, -10.7174

Details

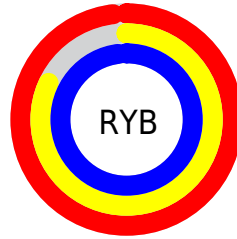
The Yxy color $72.5860, 0.3147, 0.2864$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.9804, 0.3105, 0.3756$, and the grayscale version is $75.7757, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1468, 0.3151, 0.2772$ is the 20% darker color. If you saturate the color by 10%, you get $61.2998, 0.3159, 0.2613$, and if you desaturate by 10%, it is $85.8157, 0.3135, 0.3115$.

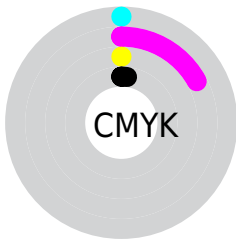
Distribution



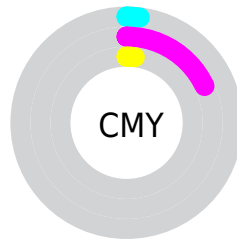
- Red (98%)
- Green (82%)
- Blue (98%)



- Red (98%)
- Yellow (82%)
- Blue (98%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5860, 0.3147, 0.2864 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 72.5860, 0.3147, 0.2864 by changing the saturation by 10% instead.


 72.5860, 0.3147,
0.2864

 72.5860, 0.3147,
0.2864


469.5787, 0.3141,
0.3054

 53.6375, 0.3148,
0.2822

122.8893, 0.3145,
0.2929

 38.3119, 0.3148,
0.2771

155.0129, 0.3145,
0.2954

 26.2249, 0.3149,
0.2708


192.2970, 0.3144,
0.2976

 16.9920, 0.3149,
0.2627

235.1260, 0.3143,
0.2996

 10.2288, 0.3147,
0.2521

283.8843, 0.3142,
0.3013

 5.5509, 0.3142,
0.2374


338.9562, 0.3142,


 2.5740, 0.3129,


0.3028

0.2161


400.7262, 0.3141,
0.3042


 0.9136, 0.3094,
0.1824

 0.0000, 0.2937,
0.0000

 72.5860, 0.3147,
0.2864


 72.5860, 0.3147,
0.2864

 61.2998, 0.3159,
0.2613


 85.8157, 0.3135,
0.3115


 51.8567, 0.3170,
0.2369

 99.0027, 0.3125,
0.3328

 44.1617, 0.3180,
0.2143

 99.0048, 0.3125,
0.3328

 38.1075, 0.3190,
0.1945

 99.0070, 0.3126,
0.3328

33.5750, 0.3197,
0.1782

99.0092, 0.3126,
0.3328

30.4292, 0.3203,
0.1661

99.0114, 0.3126,
0.3328

28.5110, 0.3206,
0.1584

99.0136, 0.3126,
0.3328

27.6166, 0.3208,
0.1547

99.0157, 0.3126,
0.3328

27.4603, 0.3208,
0.1541

99.0179, 0.3126,
0.3328

Harmonies

Analogous

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



72.5860, 0.2832, 0.2761



72.5860, 0.3147, 0.2864



72.5860, 0.3471, 0.3066

Triad

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



72.5860, 0.3147, 0.2864



72.5860, 0.3663, 0.3798



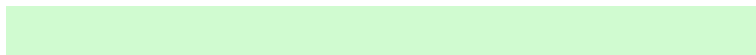
72.5860, 0.2578, 0.3208

Complementary

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



72.5860, 0.3147, 0.2864



86.9804, 0.3105, 0.3756

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.



72.5860, 0.2781, 0.3522



72.5860, 0.3147, 0.2864



72.5860, 0.3405, 0.3874

Square

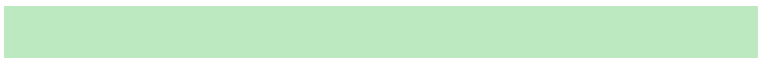
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



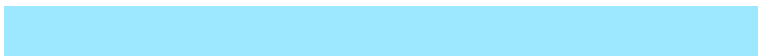
72.5860, 0.3147, 0.2864



72.5860, 0.3777, 0.3592



72.5860, 0.3081, 0.3775



72.5860, 0.2517, 0.2940

Rectangle

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



72.5860, 0.3147, 0.2864



72.5860, 0.3644, 0.3237



72.5860, 0.3081, 0.3775



72.5860, 0.2631, 0.3313

Sweetspot

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



72.5892, 0.3147, 0.2864



92.1321, 0.3133, 0.3168



65.8380, 0.2845, 0.2832



19.4925, 0.3134, 0.3150



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.



72.5892, 0.3147, 0.2864



70.4587, 0.3152, 0.2766



71.3521, 0.3293, 0.3065



17.5242, 0.3138, 0.3056



14.4304, 0.3208, 0.1541



1.3366, 0.3208, 0.1541

Inverse Universe

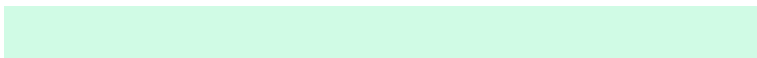
The Inverse Universe completely reimagines the original color for something new.



70.1808, 0.3458, 0.3291



67.4828, 0.3552, 0.3291



88.0693, 0.2988, 0.3526



17.2254, 0.3294, 0.3290



10.7807, 0.6400, 0.3299



0.9985, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 72.5860, 0.3147, 0.2864 looks on a white background.

Color Contrast Check

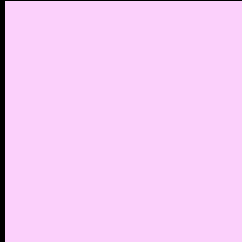
Large Text (above 18pt) WCAG AA × Fail

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 72.5860, 0.3147, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

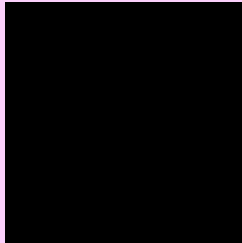
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5860, 0.3147, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 72.5860, 0.3147, 0.2864.



This preview shows how white text looks on a background with the Yxy color 72.5860, 0.3147, 0.2864.

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

72.5860, 0.3147, 0.2864

Protanopia

72.8535, 0.2873, 0.2921

Deuteranopia

72.8369, 0.3003, 0.2939



Tritanopia

72.6449, 0.3283, 0.3127

Trichromacy



Original Color

72.5860, 0.3147, 0.2864

Protanomaly

72.7615, 0.2965, 0.2898

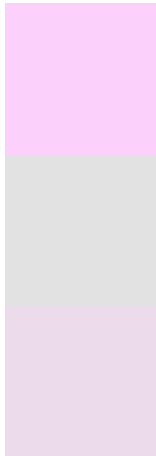
Deuteranomaly

72.6678, 0.3059, 0.2913

Tritanomaly

72.7844, 0.3235, 0.3038

Monochromacy



Original Color

72.5860, 0.3147, 0.2864

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.3234, 0.3135, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5860, 0.3147, 0.2864 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(251, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 251)  
}
```

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(251, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 72.5860, 0.3147, 0.2864 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(251, 208, 251) }
```

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

```
.border{ border-color:rgb(251, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5860, 0.3147, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 251) }
```

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

```
.background{ background-color: rgb(251,  
208, 251) }
```

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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