

Converting Colors

$Y_{xy}(62.0936, 0.3160, 0.2592)$

Have a look what the booklet for
Yxy(62.0936, 0.3160, 0.2592)
contains.

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Color

Yxy(62.0936, 0.3160, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7FE
RGB	254, 183, 254
RGB Percent	100%, 72%, 100%
CMY	0.0039, 0.2824, 0.0039
CMYK	0.00, 0.28, 0.00, 0.00
HSL	300°, 97%, 86%
HSV	300°, 28%, 100%
XYZ	75.7005, 62.0936, 101.7645
YIQ	212.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

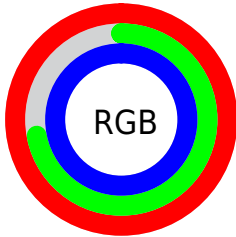
Format	Color
RYB	254, 183, 254
Decimal	16693246
CIELab	82.96, 36.91, -24.92
CIELCh	83, 44.530, 325.976
Yxy	62.0936, 0.3160, 0.2592
Android (android.graphics.Color)	4294883326 (0xFFFE7FE)
YUV	212.3230, 20.5468, 36.5507
Hunter-Lab	78.7995, 33.5810, -21.4096

Details

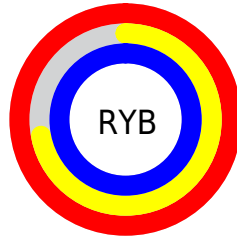
The Yxy color $62.0936, 0.3160, 0.2592$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $84.3806, 0.3089, 0.4103$, and the grayscale version is $65.9176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $31.4675, 0.3157, 0.2441$ is the 20% darker color. If you saturate the color by 10%, you get $52.5461, 0.3171, 0.2350$, and if you desaturate by 10%, it is $73.5374, 0.3148, 0.2843$.

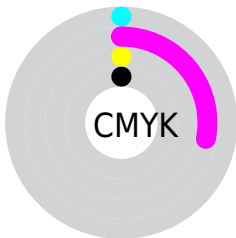
Distribution



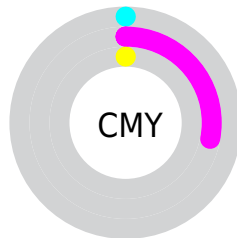
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0936, 0.3160, 0.2592 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 62.0936, 0.3160, 0.2592 by changing the saturation by 10% instead.


 62.0936, 0.3160,
0.2592

 62.0936, 0.3160,
0.2592


432.2724, 0.3152,
0.2904

 45.1083, 0.3160,
0.2524


 107.8608, 0.3159,
0.2698

 31.5428, 0.3159,
0.2441


137.4115, 0.3158,
0.2740

 21.0125, 0.3157,
0.2338


171.9195, 0.3157,
0.2776

 13.1331, 0.3152,
0.2208

211.7692, 0.3156,
0.2808

 7.5203, 0.3141,
0.2038

257.3449, 0.3155,
0.2836

 3.7896, 0.3119,
0.1808


309.0311, 0.3154,


 1.5566, 0.3070,


0.2861


0.1485


367.2121, 0.3153,
0.2884

 0.3280, 0.3023,
0.0781

 0.0000, 0.1522,
0.0000


 62.0936, 0.3160,
0.2592


 62.0936, 0.3160,
0.2592

 52.5461, 0.3171,
0.2350


 73.5374, 0.3148,
0.2843

 44.7850, 0.3182,
0.2125

 86.9633, 0.3136,
0.3095

 38.7016, 0.3191,
0.1930

99.7509, 0.3127,
0.3299

 34.1722, 0.3199,
0.1771

99.7511, 0.3127,
0.3299

■ 31.0561, 0.3204,
0.1654

99.7514, 0.3127,
0.3299

■ 29.1870, 0.3208,
0.1580

99.7517, 0.3127,
0.3299

■ 28.3407, 0.3209,
0.1546

99.7520, 0.3127,
0.3299

■ 28.2281, 0.3210,
0.1542

99.7522, 0.3127,
0.3299

99.7525, 0.3127,
0.3299

Harmonies

Analogous

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



62.0936, 0.2628, 0.2418



62.0936, 0.3160, 0.2592



62.0936, 0.3731, 0.2916

Triad

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



62.0936, 0.3160, 0.2592



62.0936, 0.4028, 0.4146



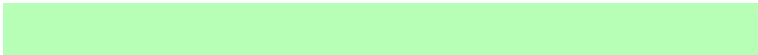
62.0936, 0.2201, 0.3112

Complementary

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



62.0936, 0.3160, 0.2592



84.3806, 0.3089, 0.4103

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.



62.0936, 0.2518, 0.3685



62.0936, 0.3160, 0.2592



62.0936, 0.3569, 0.4321

Square

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



62.0936, 0.3160, 0.2592



62.0936, 0.4251, 0.3772



62.0936, 0.3015, 0.4162



62.0936, 0.2114, 0.2665

Rectangle

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



62.0936, 0.3160, 0.2592



62.0936, 0.4037, 0.3188



62.0936, 0.3015, 0.4162



62.0936, 0.2282, 0.3297

Sweetspot

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



62.0963, 0.3160, 0.2592



87.6676, 0.3136, 0.3094



51.0902, 0.2636, 0.2477



18.3004, 0.3138, 0.3056



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.



62.0963, 0.3160, 0.2592



56.5952, 0.3167, 0.2444



60.0288, 0.3439, 0.2927



18.3004, 0.3138, 0.3056



14.8800, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Inverse Universe

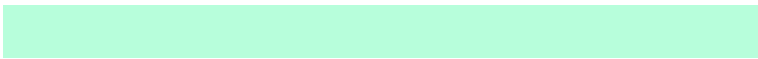
The Inverse Universe completely reimagines the original color for something new.



62.0963, 0.3160, 0.2592



56.5952, 0.3167, 0.2444



86.0499, 0.2900, 0.3686



18.3004, 0.3138, 0.3056



14.8800, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 62.0936, 0.3160, 0.2592 looks on a white background.

Color Contrast Check

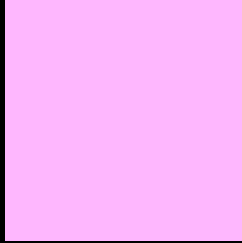
Large Text (above 18pt) WCAG AA × Fail

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 62.0936, 0.3160, 0.2592 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 62.0936, 0.3160, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 62.0936, 0.3160, 0.2592.

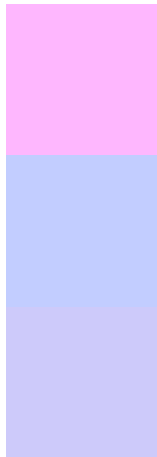


This preview shows how white text looks on a background with the Yxy color 62.0936, 0.3160, 0.2592.

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

62.0936, 0.3160, 0.2592

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

62.1223, 0.2828, 0.2764



Tritanopia

62.1607, 0.3469, 0.3133

Trichromacy



Original Color

62.0936, 0.3160, 0.2592



Protanomaly

61.7514, 0.2870, 0.2672



Deuteranomaly

61.6832, 0.2946, 0.2698



Tritanomaly

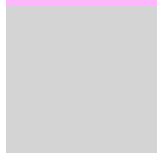
62.1010, 0.3354, 0.2930

Monochromacy



Original Color

62.0936, 0.3160, 0.2592



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

63.6502, 0.3140, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0936, 0.3160, 0.2592 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(254, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 254)  
}
```

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(254, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 254) }
```

Border

The CSS property to change the border of an element to Yxy 62.0936, 0.3160, 0.2592 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(254, 183, 254) }
```

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

```
.border{ border-color:rgb(254, 183, 254) }
```

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

Here you see how a box with a 4 pixel rgb(254, 183, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0936, 0.3160, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 254) }
```

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

```
.background{ background-color: rgb(254,  
183, 254) }
```

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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