

Converting Colors

$Y_{xy}(76.9562, 0.2284, 0.1568)$

Have a look what the booklet for
Yxy(76.9562, 0.2284, 0.1568)
contains.

Yxy(62.0577, 0.3113, 0.2595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.0577, 0.3113, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	F9B9FF
RGB	249, 185, 255
RGB Percent	98%, 73%, 100%
CMY	0.0238, 0.2744, 0.0001
CMYK	0.02, 0.27, 0.00, 0.00
HSL	295°, 100%, 86%
HSV	295°, 27%, 100%
XYZ	74.4453, 62.0577, 102.6403
YIQ	212.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

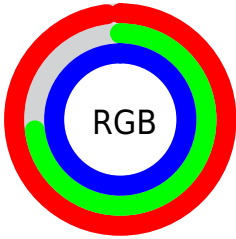
Format	Color
R _Y B	249, 185, 255
Decimal	16366079
CIE _{Lab}	82.94, 34.41, -25.51
CIE _{LCh}	83, 42.836, 323.452
Yxy	62.0577, 0.3113, 0.2595
Android (android.graphics.Color)	4294556159 (0xFFFF9B9FF)
YUV	212.1160, 21.1418, 32.3473
Hunter-Lab	78.7767, 30.8263, -22.1069

Details

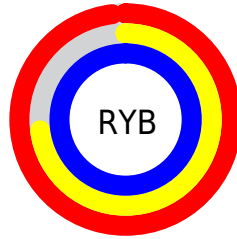
The Yxy color $62.0577, 0.3113, 0.2595$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.0947, 0.3126, 0.4077$, and the grayscale version is $65.7681, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $31.5163, 0.3105, 0.2444$ is the 20% darker color. If you saturate the color by 10%, you get $51.9271, 0.3103, 0.2342$, and if you desaturate by 10%, it is $74.1114, 0.3120, 0.2853$.

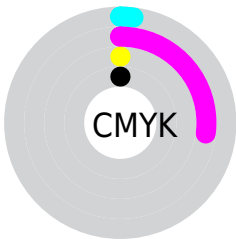
Distribution



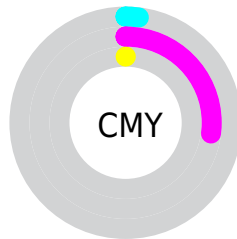
- Red (98%)
- Green (73%)
- Blue (100%)



- Red (98%)
- Yellow (73%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0577, 0.3113, 0.2595 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 62.0577, 0.3113, 0.2595 by changing the saturation by 10% instead.


 62.0577, 0.3113,
0.2595

 62.0577, 0.3113,
0.2595


432.1415, 0.3127,
0.2906

 45.0793, 0.3108,
0.2527


 107.8089, 0.3119,
0.2701

 31.5199, 0.3101,
0.2444


137.3506, 0.3121,
0.2742

 20.9951, 0.3091,
0.2341


171.8487, 0.3123,
0.2779

 13.1204, 0.3076,
0.2211

211.6878, 0.3124,
0.2810

 7.5115, 0.3052,
0.2041

257.2523, 0.3125,
0.2838

 3.7840, 0.3011,
0.1810

308.9264, 0.3126,

 1.5535, 0.2932,

0.2863

0.1486

367.0947, 0.3127,
0.2886

0.3259, 0.2835,
0.0777

0.0000, 0.0947,
0.0000

62.0577, 0.3113,
0.2595

62.0577, 0.3113,
0.2595

51.9271, 0.3103,
0.2342

74.1114, 0.3120,
0.2853

43.6093, 0.3091,
0.2104

88.1748, 0.3125,
0.3107

36.9951, 0.3075,
0.1890

99.9984, 0.3127,
0.3290

31.9605, 0.3057,
0.1711

■ 28.3644, 0.3038,
0.1573

■ 26.0407, 0.3016,
0.1480

■ 24.7731, 0.2994,
0.1429

■ 24.5354, 0.2989,
0.1420

Harmonies

Analogous

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



62.0577, 0.2609, 0.2441



62.0577, 0.3113, 0.2595



62.0577, 0.3665, 0.2899

Triad

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



62.0577, 0.3113, 0.2595



62.0577, 0.4024, 0.4092



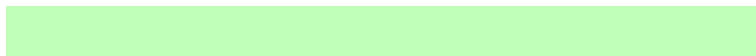
62.0577, 0.2251, 0.3164

Complementary

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



62.0577, 0.3113, 0.2595



86.0947, 0.3126, 0.4077

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.



62.0577, 0.2576, 0.3716



62.0577, 0.3113, 0.2595



62.0577, 0.3598, 0.4278

Square

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



62.0577, 0.3113, 0.2595



62.0577, 0.4213, 0.3724



62.0577, 0.3066, 0.4152



62.0577, 0.2147, 0.2718

Rectangle

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



62.0577, 0.3113, 0.2595



62.0577, 0.3971, 0.3159



62.0577, 0.3066, 0.4152



62.0577, 0.2336, 0.3345

Sweetspot

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



62.0604, 0.3113, 0.2595



87.3353, 0.3125, 0.3093



55.2507, 0.2655, 0.2577



18.2159, 0.3124, 0.3055



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.



62.0604, 0.3113, 0.2595



56.1972, 0.3108, 0.2453



61.5152, 0.3375, 0.2865



18.2159, 0.3124, 0.3055



12.8562, 0.2993, 0.1422



1.2743, 0.3019, 0.1437

Inverse Universe

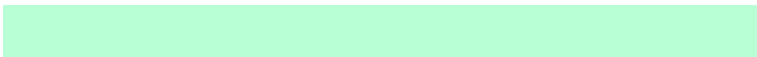
The Inverse Universe completely reimagines the original color for something new.



59.7341, 0.3675, 0.3229



53.5482, 0.3833, 0.3216



86.6278, 0.2940, 0.3758



18.0125, 0.3281, 0.3270



11.1478, 0.6308, 0.3249



1.0937, 0.6118, 0.3144

Previews

White Background



This preview shows how the Yxy color 62.0577, 0.3113, 0.2595 looks on a white background.

Color Contrast Check

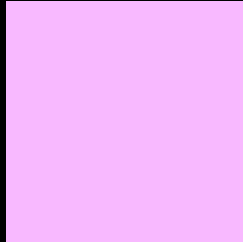
Large Text (above 18pt) WCAG AA × Fail

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 62.0577, 0.3113, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

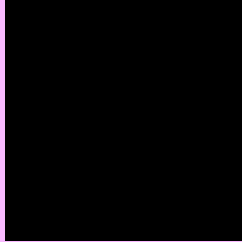
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0577, 0.3113, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 62.0577, 0.3113, 0.2595.

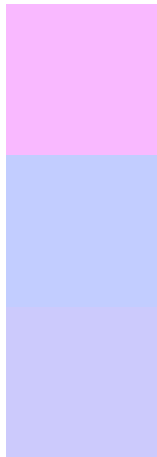


This preview shows how white text looks on a background with the Yxy color 62.0577, 0.3113, 0.2595.

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

62.0577, 0.3113, 0.2595

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

62.1067, 0.2808, 0.2743



Tritanopia

62.0643, 0.3401, 0.3131

Trichromacy



Original Color

62.0577, 0.3113, 0.2595



Protanomaly

61.9043, 0.2857, 0.2680



Deuteranomaly

61.7873, 0.2911, 0.2685



Tritanomaly

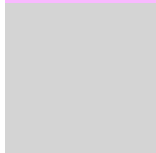
62.1651, 0.3296, 0.2926

Monochromacy



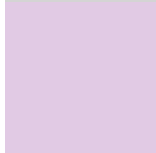
Original Color

62.0577, 0.3113, 0.2595



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

63.8500, 0.3118, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0577, 0.3113, 0.2595 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, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 255)  
}
```

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, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.0577, 0.3113, 0.2595 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, 185, 255) }
```

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

```
.border{ border-color:rgb(249, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0577, 0.3113, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 255) }
```

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

```
.background{ background-color: rgb(249,  
185, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor