

Converting Colors

$Yxy(63.3302, 0.3109, 0.2626)$

Have a look what the booklet for
Yxy(63.3302, 0.3109, 0.2626)
contains.

| | |
|--|----|
| Yxy(63.3262, 0.3112, 0.2624) | 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(63.3262, 0.3112, 0.2624)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9BCFF |
| RGB | 249, 188, 255 |
| RGB Percent | 98%, 74%, 100% |
| CMY | 0.0235, 0.2627, 0.0000 |
| CMYK | 0.02, 0.26, 0.00, 0.00 |
| HSL | 295°, 100%, 87% |
| HSV | 295°, 26%, 100% |
| XYZ | 75.1033, 63.3262, 102.9051 |
| YIQ | 213.8770, 14.8490, 33.7690 |

Conversions

Conversions Part 2

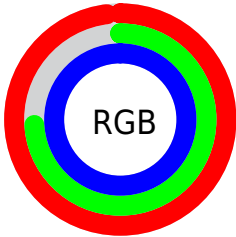
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 249, 188, 255 |
| Decimal | 16366847 |
| CIE Lab | 83.61, 32.88, -24.52 |
| CIE LCh | 84, 41.018, 323.284 |
| Yxy | 63.3262, 0.3112, 0.2624 |
| Android (android.graphics.Color) | 4294556927 (0xFFF9BCFF) |
| YUV | 213.8770, 20.2736, 30.8029 |
| Hunter-Lab | 79.5778, 29.2024, -20.9658 |

Details

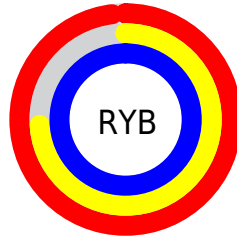
The Yxy color **63.3262, 0.3112, 0.2624** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.6213, 0.3128, 0.4039**, and the grayscale version is **67.0110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **32.3339, 0.3104, 0.2481** is the 20% darker color. If you saturate the color by 10%, you get **52.9595, 0.3102, 0.2370**, and if you desaturate by 10%, it is **75.6231, 0.3120, 0.2882**.

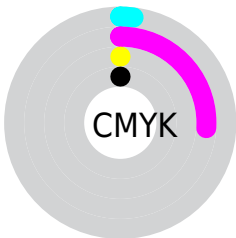
Distribution



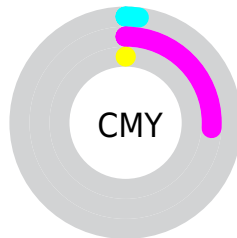
- Red (98%)
- Green (74%)
- Blue (100%)



- Red (98%)
- Yellow (74%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3262, 0.3112, 0.2624 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 63.3262, 0.3112, 0.2624 by changing the saturation by 10% instead.


 63.3262, 0.3112,
0.2624

 63.3262, 0.3112,
0.2624

436.7524, 0.3126,
0.2922

 46.1052, 0.3107,
0.2559

 109.6400, 0.3118,
0.2725

 32.3288, 0.3101,
0.2479


139.5015, 0.3120,
0.2765

 21.6128, 0.3091,
0.2381


174.3453, 0.3122,
0.2800

 13.5726, 0.3077,
0.2256

214.5558, 0.3123,
0.2830

 7.8240, 0.3054,
0.2092

260.5173, 0.3124,
0.2857

 3.9826, 0.3016,
0.1871


312.6144, 0.3125,


 1.6638, 0.2944,


0.2881

0.1557


371.2312, 0.3125,
0.2902


 0.4001, 0.2841,
0.0923


 0.0000, 0.1215,
0.0000


 63.3262, 0.3112,
0.2624


 63.3262, 0.3112,
0.2624

 52.9595, 0.3102,
0.2370


 75.6231, 0.3120,
0.2882

 44.4211, 0.3089,
0.2129

 89.9436, 0.3125,
0.3136

 37.6006, 0.3073,
0.1911

100.0000, 0.3127,
0.3290

 32.3755, 0.3054,
0.1727

■ 28.6069, 0.3034,
0.1584

■ 26.1324, 0.3012,
0.1485

■ 24.7493, 0.2989,
0.1429

■ 24.4000, 0.2980,
0.1415

Harmonies

Analogous

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



63.3262, 0.2632, 0.2477



63.3262, 0.3112, 0.2624



63.3262, 0.3637, 0.2915

Triad

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



63.3262, 0.3112, 0.2624



63.3262, 0.3985, 0.4055



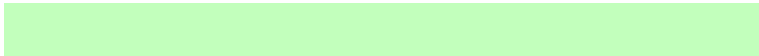
63.3262, 0.2292, 0.3176

Complementary

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



63.3262, 0.3112, 0.2624



86.6213, 0.3128, 0.4039

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.



63.3262, 0.2606, 0.3697



63.3262, 0.3112, 0.2624



63.3262, 0.3581, 0.4229

Square

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



63.3262, 0.3112, 0.2624



63.3262, 0.4161, 0.3706



63.3262, 0.3074, 0.4108



63.3262, 0.2190, 0.2749

Rectangle

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



63.3262, 0.3112, 0.2624



63.3262, 0.3927, 0.3164



63.3262, 0.3074, 0.4108



63.3262, 0.2374, 0.3347

Sweetspot

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



63.3264, 0.3112, 0.2624



87.3227, 0.3124, 0.3093



56.8087, 0.2677, 0.2611



18.2127, 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.



63.3264, 0.3112, 0.2624



57.1599, 0.3107, 0.2478



62.8402, 0.3362, 0.2884



18.2127, 0.3124, 0.3055



12.7837, 0.2984, 0.1418



1.2679, 0.3011, 0.1433

Inverse Universe

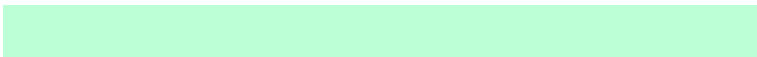
The Inverse Universe completely reimagines the original color for something new.



61.1230, 0.3643, 0.3229



54.6252, 0.3801, 0.3215



87.1078, 0.2948, 0.3735



18.0135, 0.3280, 0.3269



11.1497, 0.6303, 0.3246



1.0941, 0.6107, 0.3138

Previews

White Background



This preview shows how the Yxy color 63.3262, 0.3112, 0.2624 looks on a white background.

Color Contrast Check

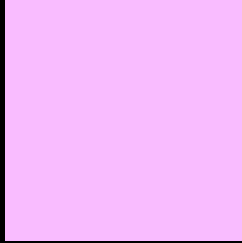
Large Text (above 18pt) WCAG AA × Fail

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 63.3262, 0.3112, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

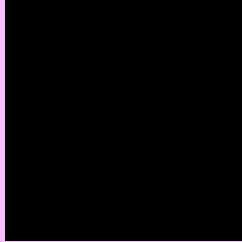
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3262, 0.3112, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 63.3262, 0.3112, 0.2624.



This preview shows how white text looks on a background with the Yxy color 63.3262, 0.3112, 0.2624.

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

63.3262, 0.3112, 0.2624

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.4794, 0.2830, 0.2768



Tritanopia

63.2377, 0.3390, 0.3132

Trichromacy



Original Color

63.3262, 0.3112, 0.2624



Protanomaly

63.1275, 0.2871, 0.2705



Deuteranomaly

63.0096, 0.2926, 0.2709



Tritanomaly

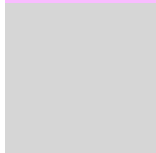
63.0985, 0.3286, 0.2937

Monochromacy



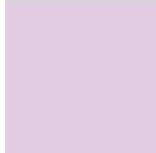
Original Color

63.3262, 0.3112, 0.2624



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6507, 0.3124, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3262, 0.3112, 0.2624 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, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 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, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.3262, 0.3112, 0.2624 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, 188, 255) }
```

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

```
.border{ border-color:rgb(249, 188, 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, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3262, 0.3112, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 255) }
```

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

```
.background{ background-color: rgb(249,  
188, 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