

Converting Colors

$Yxy(62.2701, 0.3089, 0.2608)$

Have a look what the booklet for
Yxy(62.2701, 0.3089, 0.2608)
contains.

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Color

Yxy(62.3535, 0.3090, 0.2610)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6BBFF |
| RGB | 246, 187, 255 |
| RGB Percent | 96%, 73%, 100% |
| CMY | 0.0353, 0.2666, 0.0001 |
| CMYK | 0.04, 0.27, 0.00, 0.00 |
| HSL | 292°, 100%, 87% |
| HSV | 292°, 27%, 100% |
| XYZ | 73.8208, 62.3535, 102.7280 |
| YIQ | 212.3930, 13.3360, 33.6560 |

Conversions

Conversions Part 2

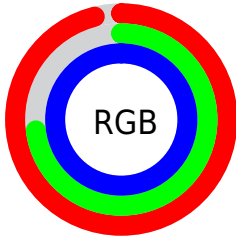
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 246, 187, 255 |
| Decimal | 16169983 |
| CIE Lab | 83.10, 32.44, -25.29 |
| CIE LCh | 83, 41.139, 322.059 |
| Yxy | 62.3535, 0.3090, 0.2610 |
| Android (android.graphics.Color) | 4294360063 (0xFFFF6BBFF) |
| YUV | 212.3930, 21.0053, 29.4733 |
| Hunter-Lab | 78.9642, 28.6858, -21.8580 |

Details

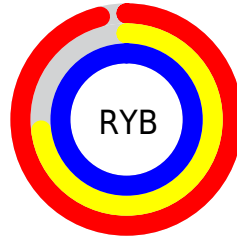
The Yxy color **62.3535, 0.3090, 0.2610** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.8251, 0.3146, 0.4047**, and the grayscale version is **65.9655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **31.6711, 0.3075, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **51.8769, 0.3069, 0.2351**, and if you desaturate by 10%, it is **74.7671, 0.3107, 0.2871**.

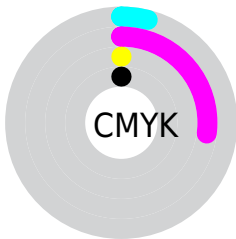
Distribution



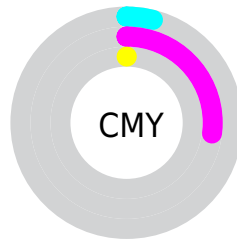
- Red (96%)
- Green (73%)
- Blue (100%)



- Red (96%)
- Yellow (73%)
- Blue (100%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3535, 0.3090, 0.2610 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 62.3535, 0.3090, 0.2610 by changing the saturation by 10% instead.

 62.3535, 0.3090,
0.2610

 62.3535, 0.3090,
0.2610


433.2194, 0.3114,
0.2915

 45.3184, 0.3083,
0.2543


 108.2363, 0.3100,
0.2714

 31.7083, 0.3073,
0.2462


137.8527, 0.3103,
0.2755

 21.1388, 0.3060,
0.2361


172.4318, 0.3106,
0.2790

 13.2255, 0.3040,
0.2232

212.3578, 0.3108,
0.2821

 7.5840, 0.3010,
0.2065

258.0151, 0.3110,
0.2849

 3.8299, 0.2961,
0.1837


309.7883, 0.3112,


 1.5789, 0.2871,


0.2873


0.1515

368.0615, 0.3113,
0.2895


 0.3433, 0.2751,
0.0821


 0.0000, 0.0659,
0.0000


 62.3535, 0.3090,
0.2610


 62.3535, 0.3090,
0.2610

 51.8769, 0.3069,
0.2351


 74.7671, 0.3107,
0.2871

 43.2275, 0.3045,
0.2105

 89.2037, 0.3120,
0.3126

 36.2970, 0.3016,
0.1880

99.9982, 0.3127,
0.3290

 30.9623, 0.2985,
0.1688

■ 27.0839, 0.2952,
0.1538

■ 24.4981, 0.2917,
0.1432

■ 22.9990, 0.2883,
0.1370

■ 22.6360, 0.2871,
0.1355

Harmonies

Analogous

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



62.3535, 0.2611, 0.2469



62.3535, 0.3090, 0.2610



62.3535, 0.3621, 0.2898

Triad

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



62.3535, 0.3090, 0.2610



62.3535, 0.4004, 0.4049



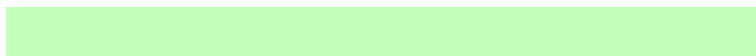
62.3535, 0.2294, 0.3195

Complementary

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



62.3535, 0.3090, 0.2610



86.8251, 0.3146, 0.4047

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.



62.3535, 0.2618, 0.3721



62.3535, 0.3090, 0.2610



62.3535, 0.3604, 0.4235

Square

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



62.3535, 0.3090, 0.2610



62.3535, 0.4170, 0.3692



62.3535, 0.3095, 0.4127



62.3535, 0.2183, 0.2758

Rectangle

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



62.3535, 0.3090, 0.2610



62.3535, 0.3918, 0.3147



62.3535, 0.3095, 0.4127



62.3535, 0.2380, 0.3369

Sweetspot

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



62.3562, 0.3090, 0.2610



87.1603, 0.3119, 0.3092



57.2979, 0.2672, 0.2626



18.1715, 0.3117, 0.3054



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.



62.3562, 0.3090, 0.2610



56.5334, 0.3079, 0.2471



62.5170, 0.3348, 0.2856



18.1715, 0.3117, 0.3054



11.8781, 0.2877, 0.1359



1.1889, 0.2917, 0.1381

Inverse Universe

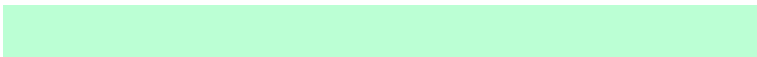
The Inverse Universe completely reimagines the original color for something new.



60.7859, 0.3628, 0.3198



54.7690, 0.3769, 0.3179



86.8187, 0.2957, 0.3769



18.0261, 0.3274, 0.3259



11.1801, 0.6234, 0.3208



1.1001, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 62.3535, 0.3090, 0.2610 looks on a white background.

Color Contrast Check

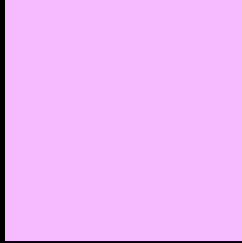
Large Text (above 18pt) WCAG AA × Fail

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 62.3535, 0.3090, 0.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

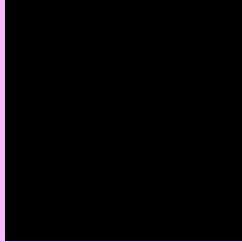
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3535, 0.3090, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 62.3535, 0.3090, 0.2610.

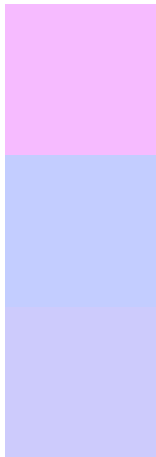


This preview shows how white text looks on a background with the Yxy color 62.3535, 0.3090, 0.2610.

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

62.3535, 0.3090, 0.2610

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.7193, 0.2816, 0.2755



Tritanopia

62.2586, 0.3368, 0.3120

Trichromacy



Original Color

62.3535, 0.3090, 0.2610



Protanomaly

61.9043, 0.2857, 0.2680



Deuteranomaly

62.2400, 0.2911, 0.2696



Tritanomaly

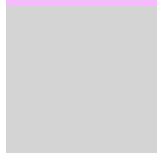
62.1226, 0.3263, 0.2924

Monochromacy



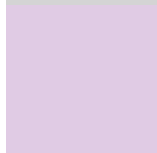
Original Color

62.3535, 0.3090, 0.2610



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.1606, 0.3110, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3535, 0.3090, 0.2610 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(246, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 187, 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(246, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.3535, 0.3090, 0.2610 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(246, 187, 255) }
```

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

```
.border{ border-color:rgb(246, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3535, 0.3090, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 187, 255) }
```

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

```
.background{ background-color: rgb(246,  
187, 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](#).

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