

Converting Colors

$Y_{xy}(62.5735, 0.3153, 0.2803)$

Have a look what the booklet for
Yxy(62.5735, 0.3153, 0.2803)
contains.

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Color

Yxy(62.4565, 0.3158, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	F0C0EF
RGB	240, 192, 239
RGB Percent	94%, 75%, 94%
CMY	0.0588, 0.2471, 0.0628
CMYK	0.00, 0.20, 0.00, 0.06
HSL	301°, 62%, 85%
HSV	301°, 20%, 94%
XYZ	70.3666, 62.4565, 89.9971
YIQ	211.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

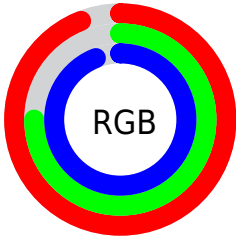
Format	Color
R _Y B	240, 192, 239
Decimal	15778031
CIE Lab	83.16, 24.93, -16.74
CIE LCh	83, 30.024, 326.119
Yxy	62.4565, 0.3158, 0.2803
Android (android.graphics.Color)	4293968111 (0xFFFF0C0EF)
YUV	211.7100, 13.4540, 24.8103
Hunter-Lab	79.0294, 20.6322, -12.1976

Details

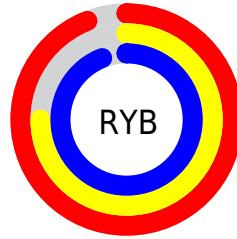
The Yxy color $62.4565, 0.3158, 0.2803$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $77.3875, 0.3095, 0.3830$, and the grayscale version is $65.5402, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $31.7862, 0.3166, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $52.7342, 0.3174, 0.2558$, and if you desaturate by 10%, it is $73.9030, 0.3142, 0.3049$.

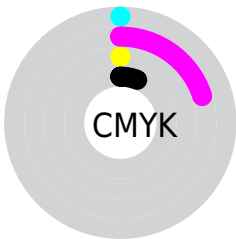
Distribution



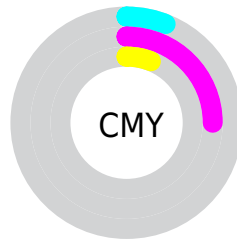
- Red (94%)
- Green (75%)
- Blue (94%)



- Red (94%)
- Yellow (75%)
- Blue (94%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4565, 0.3158, 0.2803 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 62.4565, 0.3158, 0.2803 by changing the saturation by 10% instead.

 62.4565, 0.3158,
0.2803

 62.4565, 0.3158,
0.2803


433.5943, 0.3147,
0.3025

 45.4017, 0.3160,
0.2753


 108.3850, 0.3155,
0.2879

 31.7739, 0.3161,
0.2692


138.0275, 0.3154,
0.2909

 21.1889, 0.3163,
0.2615


172.6347, 0.3152,
0.2935

 13.2621, 0.3163,
0.2516


212.5909, 0.3151,
0.2958

 7.6093, 0.3162,
0.2383

258.2806, 0.3150,
0.2978

 3.8460, 0.3156,
0.2196


310.0881, 0.3149,

 1.5878, 0.3137,

0.2995


0.1918

368.3979, 0.3148,
0.3011


 0.3493, 0.3179,
0.1176

 0.0000, 0.0000,
0.0000


 62.4565, 0.3158,
0.2803


 62.4565, 0.3158,
0.2803

 52.7342, 0.3174,
0.2558


 73.9030, 0.3142,
0.3049


 44.6447, 0.3191,
0.2323

 87.1431, 0.3127,
0.3290

 38.1007, 0.3207,
0.2107


 96.3707, 0.3117,
0.3433


 33.0033, 0.3222,
0.1920


 96.4014, 0.3114,
0.3428

 29.2423, 0.3236,
0.1770


 96.4322, 0.3111,
0.3423


 26.6917, 0.3247,
0.1663


 96.4630, 0.3108,
0.3418

 25.2015, 0.3257,
0.1599

 96.4940, 0.3106,
0.3412

 24.5189, 0.3264,
0.1572

 96.5250, 0.3103,
0.3407

 96.5561, 0.3100,
0.3402

Harmonies

Analogous

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



62.4565, 0.2791, 0.2680



62.4565, 0.3158, 0.2803



62.4565, 0.3537, 0.3037

Triad

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



62.4565, 0.3158, 0.2803



62.4565, 0.3744, 0.3883



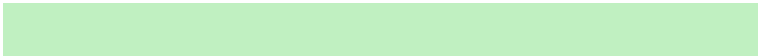
62.4565, 0.2487, 0.3182

Complementary

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



62.4565, 0.3158, 0.2803



77.3875, 0.3095, 0.3830

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.



62.4565, 0.2715, 0.3553



62.4565, 0.3158, 0.2803



62.4565, 0.3438, 0.3975

Square

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



62.4565, 0.3158, 0.2803



62.4565, 0.3885, 0.3643



62.4565, 0.3061, 0.3857



62.4565, 0.2422, 0.2873

Rectangle

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



62.4565, 0.3158, 0.2803



62.4565, 0.3738, 0.3233



62.4565, 0.3061, 0.3857



62.4565, 0.2546, 0.3304

Sweetspot

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



62.4592, 0.3158, 0.2803



90.6026, 0.3136, 0.3146



55.3037, 0.2799, 0.2738



19.1836, 0.3137, 0.3130



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.



62.4592, 0.3158, 0.2803



66.8905, 0.3165, 0.2703



61.1450, 0.3339, 0.3043



16.0252, 0.3141, 0.3062



13.4228, 0.3263, 0.1571



1.1185, 0.3256, 0.1567

Inverse Universe

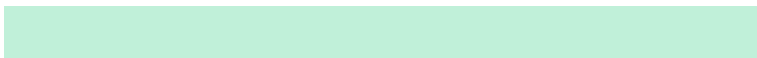
The Inverse Universe completely reimagines the original color for something new.



62.4592, 0.3158, 0.2803



66.8905, 0.3165, 0.2703



78.5357, 0.2957, 0.3551



16.0252, 0.3141, 0.3062



13.4228, 0.3263, 0.1571



1.1185, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 62.4565, 0.3158, 0.2803 looks on a white background.

Color Contrast Check

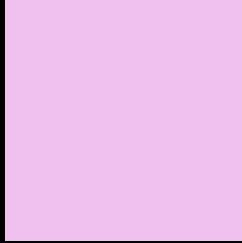
Large Text (above 18pt) WCAG AA × Fail

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 62.4565, 0.3158, 0.2803 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 62.4565, 0.3158, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 62.4565, 0.3158, 0.2803.



This preview shows how white text looks on a background with the Yxy color 62.4565, 0.3158, 0.2803.

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

62.4565, 0.3158, 0.2803

Protanopia

62.9257, 0.2795, 0.2823

Deuteranopia

62.5016, 0.2967, 0.2905



Tritanopia

62.5188, 0.3325, 0.3129

Trichromacy



Original Color

62.4565, 0.3158, 0.2803



Protanomaly

62.5120, 0.2915, 0.2811



Deuteranomaly

62.2492, 0.3034, 0.2859



Tritanomaly

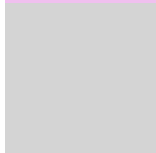
62.3087, 0.3259, 0.3003

Monochromacy



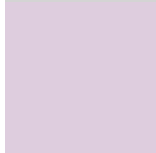
Original Color

62.4565, 0.3158, 0.2803



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.4662, 0.3136, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4565, 0.3158, 0.2803 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(240, 192, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 239)  
}
```

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(240, 192, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.4565, 0.3158, 0.2803 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(240, 192, 239) }
```

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

```
.border{ border-color:rgb(240, 192, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4565, 0.3158, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 239) }
```

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

```
.background{ background-color: rgb(240,  
192, 239) }
```

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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