

Converting Colors

$Yxy(63.8638, 0.3151, 0.2794)$

Have a look what the booklet for
Yxy(63.8638, 0.3151, 0.2794)
contains.

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Color

Yxy(63.8716, 0.3150, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	F2C2F2
RGB	242, 194, 242
RGB Percent	95%, 76%, 95%
CMY	0.0511, 0.2392, 0.0509
CMYK	0.00, 0.20, 0.00, 0.05
HSL	300°, 65%, 85%
HSV	300°, 20%, 95%
XYZ	71.9326, 63.8716, 92.5533
YIQ	213.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

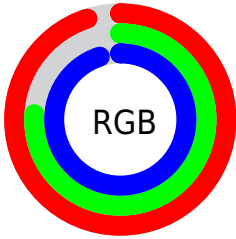
Format	Color
R _Y B	242, 194, 242
Decimal	15909618
CIE Lab	83.90, 25.05, -17.22
CIE LCh	84, 30.398, 325.503
Yxy	63.8716, 0.3150, 0.2797
Android (android.graphics.Color)	4294099698 (0xFFFF2C2F2)
YUV	213.8240, 13.8908, 24.7104
Hunter-Lab	79.9197, 20.8014, -12.7187

Details

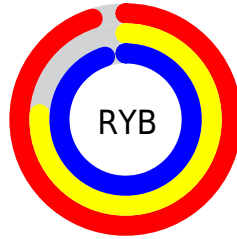
The Yxy color $63.8716, 0.3150, 0.2797$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $78.8854, 0.3102, 0.3838$, and the grayscale version is $67.0200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $32.6156, 0.3145, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $53.9605, 0.3162, 0.2547$, and if you desaturate by 10%, it is $75.5425, 0.3138, 0.3048$.

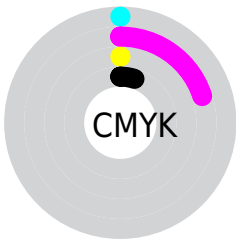
Distribution



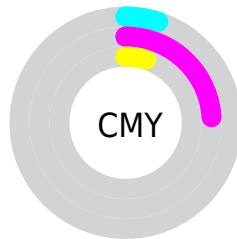
- Red (95%)
- Green (76%)
- Blue (95%)



- Red (95%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8716, 0.3150, 0.2797 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 63.8716, 0.3150, 0.2797 by changing the saturation by 10% instead.

 63.8716, 0.3150,
0.2797

 63.8716, 0.3150,
0.2797

438.7258, 0.3143,
0.3021

 46.5467, 0.3151,
0.2747


 110.4260, 0.3148,
0.2874

 32.6774, 0.3151,
0.2686

140.4243, 0.3147,
0.2904

 21.8795, 0.3151,
0.2609


175.4158, 0.3147,
0.2930

 13.7684, 0.3150,
0.2510

215.7849, 0.3146,
0.2953

 7.9597, 0.3146,
0.2378

261.9161, 0.3145,
0.2973

 4.0692, 0.3136,
0.2194


314.1937, 0.3144,


 1.7123, 0.3112,


0.2991


373.0022, 0.3144,
0.3007


0.1922

 0.4316, 0.3110,
0.1297


 0.0000, 0.0000,
0.0000

 63.8716, 0.3150,
0.2797


 63.8716, 0.3150,
0.2797


 53.9605, 0.3162,
0.2547


 75.5425, 0.3138,
0.3048


 45.7160, 0.3173,
0.2308


 89.0440, 0.3127,
0.3294


 39.0492, 0.3183,
0.2088

 96.8153, 0.3121,
0.3418

 33.8593, 0.3191,
0.1899

 96.8186, 0.3121,
0.3418

 30.0341, 0.3198,
0.1747


 96.8220, 0.3122,
0.3418

 27.4452, 0.3203,
0.1637


 96.8254, 0.3122,
0.3418

 25.9400, 0.3206,
0.1571

 96.8287, 0.3122,
0.3418

 25.2670, 0.3207,
0.1541

 96.8321, 0.3122,
0.3418

 25.2583, 0.3207,
0.1540

 96.8354, 0.3122,
0.3418

Harmonies

Analogous

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



63.8716, 0.2783, 0.2676



63.8716, 0.3150, 0.2797



63.8716, 0.3532, 0.3030

Triad

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



63.8716, 0.3150, 0.2797



63.8716, 0.3752, 0.3883



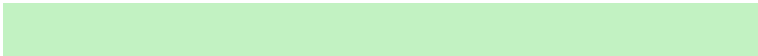
63.8716, 0.2487, 0.3188

Complementary

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



63.8716, 0.3150, 0.2797



78.8854, 0.3102, 0.3838

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.



63.8716, 0.2719, 0.3561



63.8716, 0.3150, 0.2797



63.8716, 0.3447, 0.3979

Square

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



63.8716, 0.3150, 0.2797



63.8716, 0.3890, 0.3638



63.8716, 0.3068, 0.3864



63.8716, 0.2418, 0.2876

Rectangle

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



63.8716, 0.3150, 0.2797



63.8716, 0.3735, 0.3226



63.8716, 0.3068, 0.3864



63.8716, 0.2548, 0.3312

Sweetspot

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



63.8744, 0.3150, 0.2797



90.6214, 0.3134, 0.3143



56.8291, 0.2796, 0.2752



19.1881, 0.3135, 0.3127



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.



63.8744, 0.3150, 0.2797



66.9655, 0.3155, 0.2691



62.5740, 0.3324, 0.3029



16.0308, 0.3138, 0.3057



13.5672, 0.3207, 0.1540



1.1289, 0.3208, 0.1541

Inverse Universe

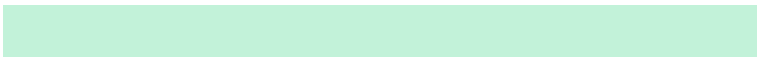
The Inverse Universe completely reimagines the original color for something new.



61.3666, 0.3521, 0.3291



63.6428, 0.3630, 0.3291



80.0057, 0.2968, 0.3567



15.7591, 0.3293, 0.3290



10.1413, 0.6400, 0.3299



0.8437, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 63.8716, 0.3150, 0.2797 looks on a white background.

Color Contrast Check

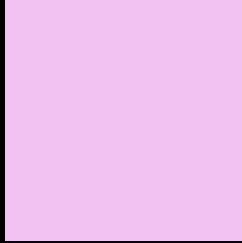
Large Text (above 18pt) WCAG AA × Fail

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 63.8716, 0.3150, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

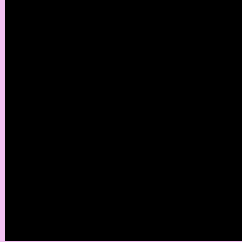
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8716, 0.3150, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 63.8716, 0.3150, 0.2797.



This preview shows how white text looks on a background with the Yxy color 63.8716, 0.3150, 0.2797.

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

63.8716, 0.3150, 0.2797

Protanopia

64.3561, 0.2792, 0.2817

Deuteranopia

63.9241, 0.2962, 0.2898



Tritanopia

63.8790, 0.3323, 0.3130

Trichromacy



Original Color

63.8716, 0.3150, 0.2797



Protanomaly

63.9363, 0.2910, 0.2805



Deuteranomaly

63.6670, 0.3028, 0.2853



Tritanomaly

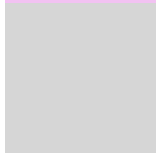
63.6650, 0.3258, 0.3005

Monochromacy



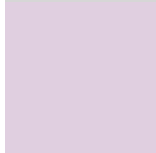
Original Color

63.8716, 0.3150, 0.2797



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.8548, 0.3136, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8716, 0.3150, 0.2797 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(242, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 242)  
}
```

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(242, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 242) }
```

Border

The CSS property to change the border of an element to Yxy 63.8716, 0.3150, 0.2797 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(242, 194, 242) }
```

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

```
.border{ border-color:rgb(242, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 194, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 194, 242); box-shadow:4px 4px 4px 4px rgb(242, 194, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8716, 0.3150, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 242) }
```

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

```
.background{ background-color: rgb(242,  
194, 242) }
```

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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