

Converting Colors

$Yxy(62.5120, 0.2915, 0.2811)$

Have a look what the booklet for
Yxy(62.5120, 0.2915, 0.2811)
contains.

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Color

Yxy(62.5120, 0.2915, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9F5
RGB	213, 201, 245
RGB Percent	84%, 79%, 96%
CMY	0.1644, 0.2118, 0.0392
CMYK	0.13, 0.18, 0.00, 0.04
HSL	256°, 69%, 87%
HSV	256°, 18%, 96%
XYZ	64.8248, 62.5120, 95.0467
YIQ	209.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

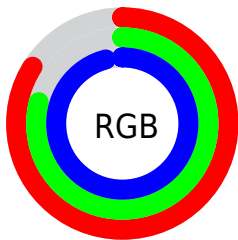
Format	Color
R _Y B	213, 201, 245
Decimal	14010869
CIE _{Lab}	83.18, 12.60, -20.13
CIE _{LCh}	83, 23.750, 302.036
Y _{xy}	62.5120, 0.2915, 0.2811
Android (android.graphics.Color)	4292200949 (0xFFD5C9F5)
Y _{UV}	209.6040, 17.4502, 2.9783
Hunter-Lab	79.0645, 7.9887, -15.9298

Details

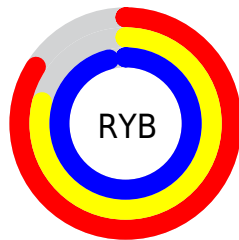
The Yxy color $62.5120, 0.2915, 0.2811$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.8415, 0.3315, 0.3750$, and the grayscale version is $64.0699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8107, 0.2857, 0.2695$ is the 20% darker color. If you saturate the color by 10%, you get $49.4740, 0.2773, 0.2509$, and if you desaturate by 10%, it is $77.6685, 0.3040, 0.3089$.

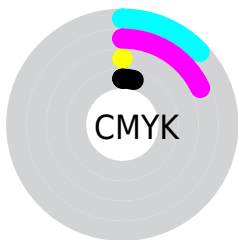
Distribution



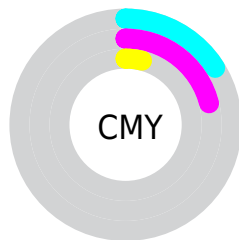
- Red (84%)
- Green (79%)
- Blue (96%)



- Red (84%)
- Yellow (79%)
- Blue (96%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5120, 0.2915, 0.2811 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 62.5120, 0.2915, 0.2811 by changing the saturation by 10% instead.

■ 62.5120, 0.2915,
0.2811

■ 62.5120, 0.2915,
0.2811

433.7963, 0.3017,
0.3032

■ 45.4465, 0.2891,
0.2761

108.4652, 0.2951,
0.2887

■ 31.8093, 0.2860,
0.2699

138.1217, 0.2965,
0.2917

■ 21.2159, 0.2821,
0.2622

172.7440, 0.2977,
0.2943

■ 13.2819, 0.2769,
0.2521

212.7165, 0.2987,
0.2965

■ 7.6229, 0.2695,
0.2385

258.4235, 0.2996,
0.2985

■ 3.8546, 0.2586,
0.2193

310.2496, 0.3004,

■ 1.5926, 0.2409,

0.3002

0.1903

368.5790, 0.3011,
0.3018

0.3526, 0.2110,
0.1158

0.0000, 0.0000,
0.0000

62.5120, 0.2915,
0.2811

62.5120, 0.2915,
0.2811

49.4740, 0.2773,
0.2509

77.6685, 0.3040,
0.3089

38.4510, 0.2614,
0.2187

95.0251, 0.3148,
0.3338

29.3428, 0.2443,
0.1858

99.3735, 0.3185,
0.3386

22.0370, 0.2264,
0.1536

■ 16.4092, 0.2088,
0.1242

■ 12.3190, 0.1925,
0.0996

■ 9.6016, 0.1785,
0.0815

■ 8.0359, 0.1676,
0.0704

■ 7.7960, 0.1657,
0.0687

Harmonies

Analogous

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



62.5120, 0.2683, 0.2806



62.5120, 0.2915, 0.2811



62.5120, 0.3215, 0.2930

Triad

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



62.5120, 0.2915, 0.2811



62.5120, 0.3717, 0.3621



62.5120, 0.2756, 0.3441

Complementary

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



62.5120, 0.2915, 0.2811



86.8415, 0.3315, 0.3750

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.



62.5120, 0.3019, 0.3694



62.5120, 0.2915, 0.2811



62.5120, 0.3579, 0.3787

Square

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



62.5120, 0.2915, 0.2811



62.5120, 0.3691, 0.3382



62.5120, 0.3321, 0.3822



62.5120, 0.2594, 0.3155

Rectangle

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



62.5120, 0.2915, 0.2811



62.5120, 0.3414, 0.3059



62.5120, 0.3321, 0.3822



62.5120, 0.2835, 0.3535

Sweetspot

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



62.5146, 0.2915, 0.2811



90.4208, 0.3074, 0.3165



77.4408, 0.2850, 0.3162



19.0762, 0.3066, 0.3147



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.



62.5146, 0.2915, 0.2811



62.3622, 0.2859, 0.2691



65.9762, 0.3072, 0.2833



16.1468, 0.3022, 0.3048



4.2580, 0.1671, 0.0694



0.4232, 0.1798, 0.0764

Inverse Universe

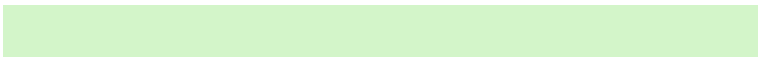
The Inverse Universe completely reimagines the original color for something new.



67.0588, 0.3235, 0.2962



68.3283, 0.3264, 0.2885



83.4169, 0.3171, 0.3771



16.6861, 0.3180, 0.3120



12.2086, 0.4052, 0.2006



1.0903, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 62.5120, 0.2915, 0.2811 looks on a white background.

Color Contrast Check

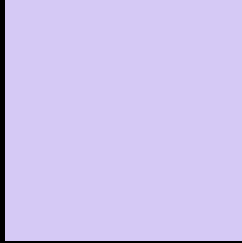
Large Text (above 18pt) WCAG AA × Fail

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 62.5120, 0.2915, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

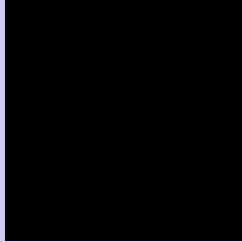
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5120, 0.2915, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 62.5120, 0.2915, 0.2811.

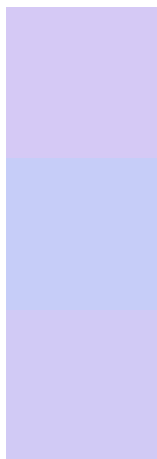


This preview shows how white text looks on a background with the Yxy color 62.5120, 0.2915, 0.2811.

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

62.5120, 0.2915, 0.2811

Protanopia

62.4457, 0.2794, 0.2812

Deuteranopia

62.3889, 0.2887, 0.2819



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.5120, 0.2915, 0.2811

Protanomaly

62.5976, 0.2834, 0.2815

Deuteranomaly

62.5353, 0.2894, 0.2820

Tritanomaly

62.6005, 0.2992, 0.2999

Monochromacy



Original Color

62.5120, 0.2915, 0.2811

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8022, 0.3047, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5120, 0.2915, 0.2811 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(213, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 245)  
}
```

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(213, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 245) }
```

Border

The CSS property to change the border of an element to Yxy 62.5120, 0.2915, 0.2811 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(213, 201, 245) }
```

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

```
.border{ border-color:rgb(213, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5120, 0.2915, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 245) }
```

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

```
.background{ background-color: rgb(213,  
201, 245) }
```

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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