

Converting Colors

$Yxy(57.8343, 0.2917, 0.2817)$

Have a look what the booklet for
Yxy(57.8343, 0.2917, 0.2817)
contains.

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Color

Yxy(57.7615, 0.2921, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	CEC2EC
RGB	206, 194, 236
RGB Percent	81%, 76%, 93%
CMY	0.1924, 0.2391, 0.0746
CMYK	0.13, 0.18, 0.00, 0.07
HSL	257°, 52%, 84%
HSV	257°, 18%, 93%
XYZ	59.8727, 57.7615, 87.3392
YIQ	202.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

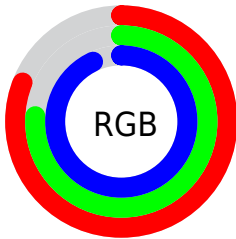
Format	Color
R _Y B	206, 194, 236
Decimal	13550316
CIE Lab	80.61, 12.21, -19.27
CIE LCh	81, 22.809, 302.362
Yxy	57.7615, 0.2921, 0.2818
Android (android.graphics.Color)	4291740396 (0xFFCEC2EC)
YUV	202.3760, 16.5766, 3.1782
Hunter-Lab	76.0010, 7.6186, -14.9345

Details

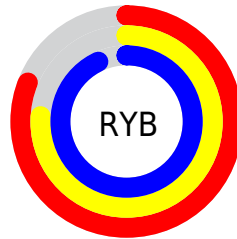
The Yxy color **57.7615, 0.2921, 0.2818** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7367, 0.3310, 0.3744**, and the grayscale version is **59.2043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.6308, 0.2863, 0.2698** is the 20% darker color. If you saturate the color by 10%, you get **45.7903, 0.2781, 0.2517**, and if you desaturate by 10%, it is **71.6654, 0.3043, 0.3094**.

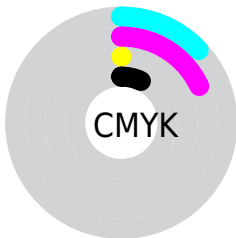
Distribution



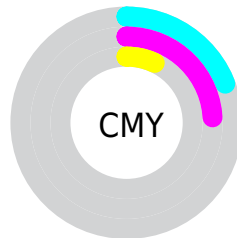
- Red (81%)
- Green (76%)
- Blue (93%)



- Red (81%)
- Yellow (76%)
- Blue (93%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7615, 0.2921, 0.2818 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 57.7615, 0.2921, 0.2818 by changing the saturation by 10% instead.

■ 57.7615, 0.2921,
0.2818

■ 57.7615, 0.2921,
0.2818

■ 416.2966, 0.3022,
0.3039

■ 41.6169, 0.2897,
0.2767

■ 101.5755, 0.2957,
0.2895

■ 28.8015, 0.2866,
0.2704

■ 130.0137, 0.2971,
0.2925

■ 18.9307, 0.2826,
0.2624

■ 163.3185, 0.2982,
0.2950

■ 11.6202, 0.2772,
0.2519

■ 201.8744, 0.2992,
0.2973

■ 6.4856, 0.2695,
0.2376

■ 246.0658, 0.3001,
0.2992

■ 3.1426, 0.2578,
0.2169

■ 296.2771, 0.3009,

■ 1.2066, 0.2382,

0.3010

0.1850

352.8925, 0.3016,
0.3025

0.0671, 0.1880,
0.0349

0.0000, 0.0000,
0.0000

57.7615, 0.2921,
0.2818

57.7615, 0.2921,
0.2818

45.7903, 0.2781,
0.2517

71.6654, 0.3043,
0.3094

35.6578, 0.2625,
0.2198

87.5758, 0.3149,
0.3343

27.2730, 0.2456,
0.1870

98.8353, 0.3238,
0.3473

20.5340, 0.2280,
0.1550

■ 15.3283, 0.2105,
0.1257

■ 11.5285, 0.1943,
0.1010

■ 8.9858, 0.1802,
0.0827

■ 7.5011, 0.1691,
0.0713

■ 7.2506, 0.1670,
0.0694

Harmonies

Analogous

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



57.7615, 0.2691, 0.2812



57.7615, 0.2921, 0.2818



57.7615, 0.3217, 0.2936

Triad

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



57.7615, 0.2921, 0.2818



57.7615, 0.3708, 0.3619



57.7615, 0.2759, 0.3436

Complementary

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



57.7615, 0.2921, 0.2818



79.7367, 0.3310, 0.3744

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.



57.7615, 0.3018, 0.3686



57.7615, 0.2921, 0.2818



57.7615, 0.3570, 0.3782

Square

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



57.7615, 0.2921, 0.2818



57.7615, 0.3684, 0.3384



57.7615, 0.3315, 0.3813



57.7615, 0.2600, 0.3154

Rectangle

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



57.7615, 0.2921, 0.2818



57.7615, 0.3413, 0.3064



57.7615, 0.3315, 0.3813



57.7615, 0.2836, 0.3528

Sweetspot

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



57.7639, 0.2921, 0.2818



90.4430, 0.3074, 0.3165



70.8914, 0.2853, 0.3156



19.0816, 0.3067, 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.



57.7639, 0.2921, 0.2818



63.9040, 0.2877, 0.2721



60.9634, 0.3078, 0.2840



14.7561, 0.3024, 0.3050



4.0537, 0.1684, 0.0701



0.3655, 0.1828, 0.0781

Inverse Universe

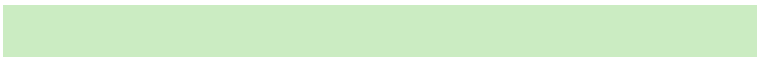
The Inverse Universe completely reimagines the original color for something new.



61.8101, 0.3236, 0.2970



69.5219, 0.3260, 0.2908



76.5921, 0.3165, 0.3765



15.2365, 0.3181, 0.3123



11.4309, 0.4085, 0.2024



0.9140, 0.3935, 0.1942

Previews

White Background



This preview shows how the Yxy color 57.7615, 0.2921, 0.2818 looks on a white background.

Color Contrast Check

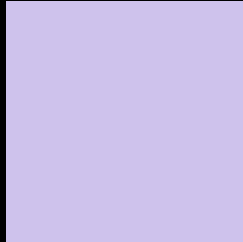
Large Text (above 18pt) WCAG AA × Fail

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 57.7615, 0.2921, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

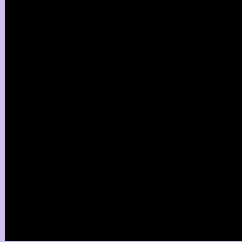
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7615, 0.2921, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 57.7615, 0.2921, 0.2818.



This preview shows how white text looks on a background with the Yxy color 57.7615, 0.2921, 0.2818.

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

57.7615, 0.2921, 0.2818

Protanopia

57.8266, 0.2804, 0.2819

Deuteranopia

57.6429, 0.2892, 0.2825



Tritanopia

57.7998, 0.3043, 0.3103

Trichromacy



Original Color

57.7615, 0.2921, 0.2818

Protanomaly

57.9759, 0.2844, 0.2823

Deuteranomaly

57.7829, 0.2900, 0.2826

Tritanomaly

57.9029, 0.2995, 0.3001

Monochromacy



Original Color

57.7615, 0.2921, 0.2818

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.3984, 0.3051, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7615, 0.2921, 0.2818 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(206, 194, 236)` looks like.

```
.text, #text, p{  
    color:rgb(206, 194, 236)  
}
```

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(206, 194, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 236) }
```

Border

The CSS property to change the border of an element to Yxy 57.7615, 0.2921, 0.2818 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(206, 194, 236) }
```

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

```
.border{ border-color:rgb(206, 194, 236) }
```

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

Here you see how a box with a 4 pixel rgb(206, 194, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 236);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7615, 0.2921, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 236) }
```

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

```
.background{ background-color: rgb(206,  
194, 236) }
```

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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