

Converting Colors

Yxy(57.9921, 0.2852, 0.2690)

Have a look what the booklet for
Yxy(57.9921, 0.2852, 0.2690)
contains.

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Color

Yxy(58.1207, 0.2856, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	CFC1F7
RGB	207, 193, 247
RGB Percent	81%, 76%, 97%
CMY	0.1881, 0.2431, 0.0315
CMYK	0.16, 0.22, 0.00, 0.03
HSL	256°, 77%, 86%
HSV	256°, 22%, 97%
XYZ	61.5928, 58.1207, 95.9477
YIQ	203.3420, -8.9900, 19.7620

Conversions

Conversions Part 2

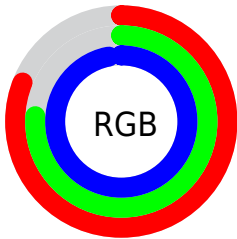
Format	Color
RYB	207, 193, 247
Decimal	13615607
CIELab	80.81, 15.41, -24.84
CIELCh	81, 29.231, 301.824
Yxy	58.1207, 0.2856, 0.2695
Android (android.graphics.Color)	4291805687 (0xFFCFC1F7)
YUV	203.3420, 21.5234, 3.2081
Hunter-Lab	76.2369, 10.7979, -21.2533

Details

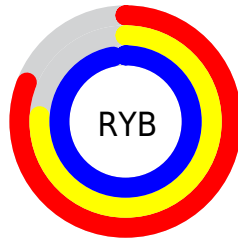
The Yxy color $58.1207, 0.2856, 0.2695$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87.6721, 0.3361, 0.3854$, and the grayscale version is $59.8163, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $28.9022, 0.2778, 0.2542$ is the 20% darker color. If you saturate the color by 10%, you get $45.6176, 0.2704, 0.2383$, and if you desaturate by 10%, it is $72.7567, 0.2990, 0.2984$.

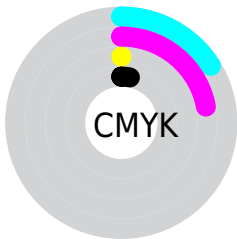
Distribution



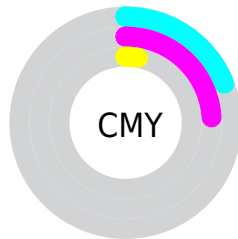
- Red (81%)
- Green (76%)
- Blue (97%)



- Red (81%)
- Yellow (76%)
- Blue (97%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1207, 0.2856, 0.2695 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 58.1207, 0.2856, 0.2695 by changing the saturation by 10% instead.

■ 58.1207, 0.2856,
0.2695

■ 58.1207, 0.2856,
0.2695

■ 417.6355, 0.2988,
0.2970

■ 41.9057, 0.2824,
0.2632

■ 102.0986, 0.2903,
0.2790

■ 29.0275, 0.2784,
0.2556

■ 130.6303, 0.2921,
0.2827

■ 19.1016, 0.2732,
0.2459

■ 164.0363, 0.2937,
0.2859

■ 11.7437, 0.2663,
0.2333

■ 202.7011, 0.2950,
0.2887

■ 6.5694, 0.2565,
0.2164

■ 247.0090, 0.2961,
0.2912

■ 3.1943, 0.2419,
0.1927

■ 297.3445, 0.2971,

■ 1.2340, 0.2183,

0.2933

0.1577

354.0918, 0.2980,
0.2953

0.0892, 0.1726,
0.0334

0.0000, 0.0000,
0.0000

58.1207, 0.2856,
0.2695

58.1207, 0.2856,
0.2695

45.6176, 0.2704,
0.2383

72.7567, 0.2990,
0.2984

35.1394, 0.2537,
0.2055

89.6125, 0.3107,
0.3245

26.5793, 0.2359,
0.1725

99.4939, 0.3174,
0.3367

19.8178, 0.2178,
0.1409

■ 14.7214, 0.2004,
0.1130

■ 11.1375, 0.1848,
0.0907

■ 8.8839, 0.1721,
0.0754

■ 7.8103, 0.1641,
0.0678

Harmonies

Analogous

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



58.1207, 0.2570, 0.2686



58.1207, 0.2856, 0.2695



58.1207, 0.3232, 0.2841

Triad

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



58.1207, 0.2856, 0.2695



58.1207, 0.3872, 0.3695



58.1207, 0.2662, 0.3482

Complementary

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



58.1207, 0.2856, 0.2695



87.6721, 0.3361, 0.3854

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.



58.1207, 0.2990, 0.3809



58.1207, 0.2856, 0.2695



58.1207, 0.3695, 0.3913

Square

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



58.1207, 0.2856, 0.2695



58.1207, 0.3839, 0.3396



58.1207, 0.3368, 0.3968



58.1207, 0.2463, 0.3115

Rectangle

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



58.1207, 0.2856, 0.2695



58.1207, 0.3485, 0.2999



58.1207, 0.3368, 0.3968



58.1207, 0.2760, 0.3603

Sweetspot

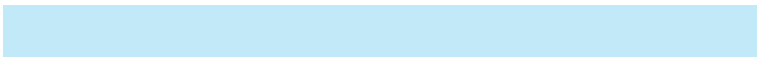
The Sweet Spot groups the original color and five complimentary colors.



58.1231, 0.2856, 0.2695



86.7152, 0.3049, 0.3114



76.6025, 0.2791, 0.3142



18.3275, 0.3042, 0.3098



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.



58.1231, 0.2856, 0.2695



56.5983, 0.2794, 0.2567



62.2585, 0.3051, 0.2728



16.1349, 0.3020, 0.3048



4.1892, 0.1655, 0.0685



0.4158, 0.1779, 0.0754

Inverse Universe

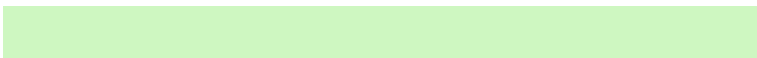
The Inverse Universe completely reimagines the original color for something new.



63.7897, 0.3256, 0.2880



63.6857, 0.3286, 0.2799



83.5498, 0.3185, 0.3886



16.6904, 0.3178, 0.3116



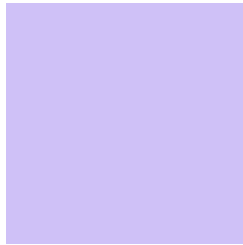
12.2862, 0.3999, 0.1976



1.0966, 0.3877, 0.1910

Previews

White Background



This preview shows how the Yxy color 58.1207, 0.2856, 0.2695 looks on a white background.

Color Contrast Check

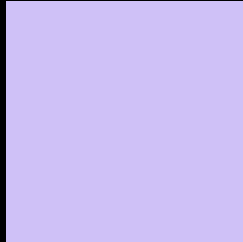
Large Text (above 18pt) WCAG AA × Fail

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 58.1207, 0.2856, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

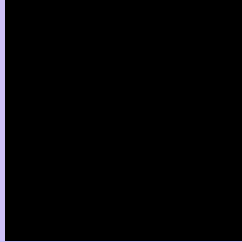
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1207, 0.2856, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 58.1207, 0.2856, 0.2695.

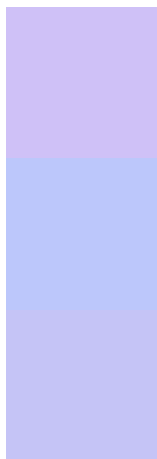


This preview shows how white text looks on a background with the Yxy color 58.1207, 0.2856, 0.2695.

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

58.1207, 0.2856, 0.2695

Protanopia

58.5032, 0.2705, 0.2702

Deuteranopia

58.0040, 0.2793, 0.2728



Tritanopia

58.1707, 0.3029, 0.3103

Trichromacy



Original Color

58.1207, 0.2856, 0.2695

Protanomaly

58.4367, 0.2756, 0.2696

Deuteranomaly

58.1015, 0.2821, 0.2721

Tritanomaly

58.1751, 0.2961, 0.2946

Monochromacy



Original Color

58.1207, 0.2856, 0.2695

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7987, 0.3023, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1207, 0.2856, 0.2695 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(207, 193, 247)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 247)  
}
```

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(207, 193, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 247) }
```

Border

The CSS property to change the border of an element to Yxy 58.1207, 0.2856, 0.2695 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(207, 193, 247) }
```

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

```
.border{ border-color:rgb(207, 193, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 247);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1207, 0.2856, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 247) }
```

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

```
.background{ background-color: rgb(207,  
193, 247) }
```

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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