

Converting Colors

Yxy(57.9508, 0.3027, 0.2850)

Have a look what the booklet for
Yxy(57.9508, 0.3027, 0.2850)
contains.

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Color

Yxy(58.0677, 0.3031, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	D8C0E7
RGB	216, 192, 231
RGB Percent	85%, 75%, 91%
CMY	0.1528, 0.2471, 0.0940
CMYK	0.06, 0.17, 0.00, 0.09
HSL	277°, 45%, 83%
HSV	277°, 17%, 91%
XYZ	61.6042, 58.0677, 83.5752
YIQ	203.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

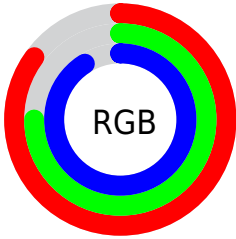
Format	Color
R _Y B	216, 192, 231
Decimal	14205159
CIE Lab	80.78, 15.57, -16.26
CIE LCh	81, 22.514, 313.746
Yxy	58.0677, 0.3031, 0.2857
Android (android.graphics.Color)	4292395239 (0xFFD8C0E7)
YUV	203.6220, 13.4974, 10.8555
Hunter-Lab	76.2022, 10.9512, -11.6852

Details

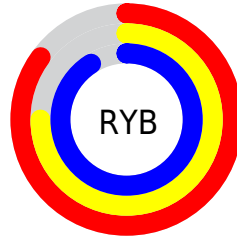
The Yxy color $58.0677, 0.3031, 0.2857$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.2266, 0.3209, 0.3732$, and the grayscale version is $60.0499, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $28.8492, 0.3007, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $47.3959, 0.2961, 0.2580$, and if you desaturate by 10%, it is $70.4094, 0.3091, 0.3119$.

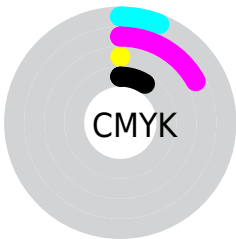
Distribution



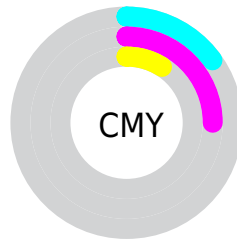
- Red (85%)
- Green (75%)
- Blue (91%)



- Red (85%)
- Yellow (75%)
- Blue (91%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)




- Cyan (15%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0677, 0.3031, 0.2857 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 58.0677, 0.3031, 0.2857 by changing the saturation by 10% instead.


 58.0677, 0.3031,
0.2857

 58.0677, 0.3031,
0.2857


417.4382, 0.3080,
0.3059

 41.8631, 0.3019,
0.2811


 102.0214, 0.3049,
0.2927

 28.9941, 0.3003,
0.2753


130.5393, 0.3055,
0.2955

 19.0764, 0.2983,
0.2680


163.9305, 0.3061,
0.2978

 11.7255, 0.2955,
0.2584

202.5792, 0.3066,
0.2999

 6.5570, 0.2914,
0.2453

246.8699, 0.3070,
0.3016

 3.1866, 0.2849,
0.2263

297.1871, 0.3073,

 1.2299, 0.2734,

0.3032

0.1968

353.9150, 0.3077,
0.3046

0.0860, 0.2560,
0.0477

0.0000, 0.0000,
0.0000

58.0677, 0.3031,
0.2857

58.0677, 0.3031,
0.2857

47.3959, 0.2961,
0.2580

70.4094, 0.3091,
0.3119

38.3115, 0.2880,
0.2296

84.4840, 0.3142,
0.3364

30.7358, 0.2790,
0.2014

96.2795, 0.3189,
0.3528

24.5803, 0.2691,
0.1745

97.8912, 0.3245,
0.3524

■ 19.7470, 0.2588,
0.1503

■ 98.5506, 0.3268,
0.3522

■ 16.1251, 0.2483,
0.1300

■ 13.5850, 0.2381,
0.1146

■ 11.9604, 0.2285,
0.1043

■ 11.5574, 0.2256,
0.1016

Harmonies

Analogous

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



58.0677, 0.2772, 0.2807



58.0677, 0.3031, 0.2857



58.0677, 0.3328, 0.3009

Triad

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



58.0677, 0.3031, 0.2857



58.0677, 0.3665, 0.3687



58.0677, 0.2691, 0.3327

Complementary

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



58.0677, 0.3031, 0.2857



74.2266, 0.3209, 0.3732

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.



58.0677, 0.2914, 0.3597



58.0677, 0.3031, 0.2857



58.0677, 0.3478, 0.3804

Square

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



58.0677, 0.3031, 0.2857



58.0677, 0.3705, 0.3475



58.0677, 0.3202, 0.3776



58.0677, 0.2583, 0.3061

Rectangle

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



58.0677, 0.3031, 0.2857



58.0677, 0.3506, 0.3152



58.0677, 0.3202, 0.3776



58.0677, 0.2754, 0.3421

Sweetspot

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



58.0702, 0.3031, 0.2857



91.2174, 0.3101, 0.3167



61.8920, 0.2860, 0.3019



19.2696, 0.3098, 0.3149



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.



58.0702, 0.3031, 0.2857



68.1426, 0.3010, 0.2769



60.2379, 0.3176, 0.2912



14.3248, 0.3077, 0.3054



6.5516, 0.2270, 0.1024



0.5372, 0.2406, 0.1099

Inverse Universe

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



59.1884, 0.3330, 0.3126



69.8038, 0.3377, 0.3093



72.3473, 0.3082, 0.3699



14.4590, 0.3232, 0.3200



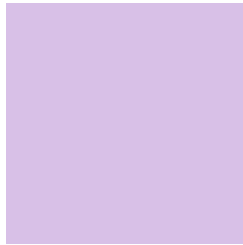
9.9473, 0.5439, 0.2770



0.7528, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 58.0677, 0.3031, 0.2857 looks on a white background.

Color Contrast Check

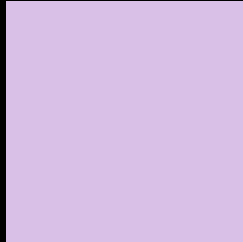
Large Text (above 18pt) WCAG AA × Fail

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 58.0677, 0.3031, 0.2857 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 58.0677, 0.3031, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 58.0677, 0.3031, 0.2857.



This preview shows how white text looks on a background with the Yxy color 58.0677, 0.3031, 0.2857.

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

58.0677, 0.3031, 0.2857

Protanopia

58.2404, 0.2830, 0.2864

Deuteranopia

58.3148, 0.2962, 0.2904



Tritanopia

57.8795, 0.3152, 0.3107

Trichromacy



Original Color

58.0677, 0.3031, 0.2857

Protanomaly

57.8379, 0.2899, 0.2857

Deuteranomaly

58.4450, 0.2992, 0.2896

Tritanomaly

57.9417, 0.3108, 0.3018

Monochromacy



Original Color

58.0677, 0.3031, 0.2857

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5735, 0.3089, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0677, 0.3031, 0.2857 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(216, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 231)  
}
```

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(216, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 231) }
```

Border

The CSS property to change the border of an element to Yxy 58.0677, 0.3031, 0.2857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

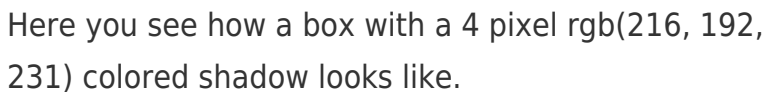
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 192, 231) }
```

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

```
.border{ border-color:rgb(216, 192, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 192, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 192, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 192, 231); box-shadow:4px 4px 4px 4px rgb(216, 192, 231) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0677, 0.3031, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 231) }
```

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

```
.background{ background-color: rgb(216,  
192, 231) }
```

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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