

Converting Colors

$Yxy(58.2303, 0.2833, 0.2762)$

Have a look what the booklet for
Yxy(58.2303, 0.2833, 0.2762)
contains.

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Color

Yxy(58.2303, 0.2833, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	C8C4F3
RGB	200, 196, 243
RGB Percent	78%, 77%, 95%
CMY	0.2158, 0.2313, 0.0471
CMYK	0.18, 0.19, 0.00, 0.05
HSL	245°, 66%, 86%
HSV	245°, 19%, 95%
XYZ	59.7272, 58.2303, 92.8691
YIQ	202.5540, -12.7030, 15.4650

Conversions

Conversions Part 2

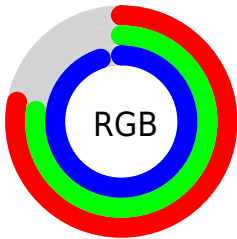
Format	Color
R _{YB}	200, 196, 243
Decimal	13157619
CIE _{Lab}	80.87, 10.74, -22.66
CIE _{LCh}	81, 25.075, 295.356
Yxy	58.2303, 0.2833, 0.2762
Android (android.graphics.Color)	4291347699 (0xFFC8C4F3)
YUV	202.5540, 19.9399, -2.2399
Hunter-Lab	76.3088, 6.1723, -18.7408

Details

The Yxy color **58.2303, 0.2833, 0.2762** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4323, 0.3391, 0.3776**, and the grayscale version is **59.3039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.0449, 0.2759, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **45.2993, 0.2652, 0.2443**, and if you desaturate by 10%, it is **73.3872, 0.2995, 0.3050**.

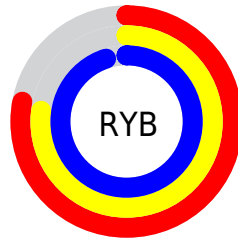
Distribution



Red (78%)

Green (77%)

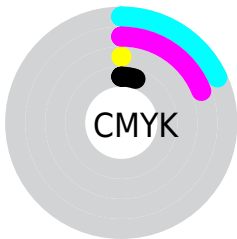
Blue (95%)



Red (78%)

Yellow (77%)

Blue (95%)

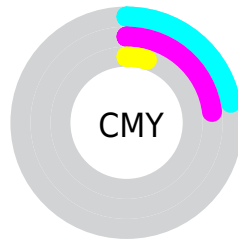


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2303, 0.2833, 0.2762 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 58.2303, 0.2833, 0.2762 by changing the saturation by 10% instead.

■ 58.2303, 0.2833,
0.2762

■ 58.2303, 0.2833,
0.2762

■ 418.0435, 0.2975,
0.3008

■ 41.9938, 0.2799,
0.2705

■ 102.2582, 0.2883,
0.2848

■ 29.0965, 0.2757,
0.2636

■ 130.8183, 0.2903,
0.2881

■ 19.1538, 0.2702,
0.2547

■ 164.2552, 0.2919,
0.2910

■ 11.7815, 0.2628,
0.2432

■ 202.9531, 0.2934,
0.2935

■ 6.5950, 0.2526,
0.2275

■ 247.2965, 0.2946,
0.2956

■ 3.2102, 0.2373,
0.2052

■ 297.6698, 0.2957,

■ 1.2424, 0.2125,

0.2976

0.1714

354.4573, 0.2967,
0.2993

0.0959, 0.1514,
0.0411

0.0000, 0.0000,
0.0000

58.2303, 0.2833,
0.2762

58.2303, 0.2833,
0.2762

45.2993, 0.2652,
0.2443

73.3872, 0.2995,
0.3050

34.4825, 0.2455,
0.2102

90.8603, 0.3136,
0.3306

25.6694, 0.2249,
0.1750

99.2499, 0.3197,
0.3405

18.7364, 0.2045,
0.1410

■ 13.5466, 0.1857,
0.1106

■ 9.9441, 0.1701,
0.0863

■ 7.7450, 0.1589,
0.0700

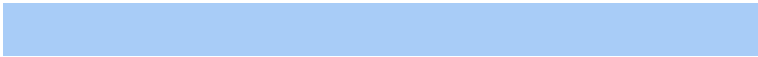
■ 6.6750, 0.1524,
0.0616

■ 6.6231, 0.1521,
0.0612

Harmonies

Analogous

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



58.2303, 0.2608, 0.2785



58.2303, 0.2833, 0.2762



58.2303, 0.3147, 0.2865

Triad

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



58.2303, 0.2833, 0.2762



58.2303, 0.3775, 0.3592



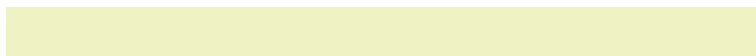
58.2303, 0.2782, 0.3522

Complementary

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



58.2303, 0.2833, 0.2762



86.4323, 0.3391, 0.3776

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.



58.2303, 0.3081, 0.3774



58.2303, 0.2833, 0.2762



58.2303, 0.3661, 0.3797

Square

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



58.2303, 0.2833, 0.2762



58.2303, 0.3705, 0.3327



58.2303, 0.3404, 0.3873



58.2303, 0.2580, 0.3209

Rectangle

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



58.2303, 0.2833, 0.2762



58.2303, 0.3368, 0.2991



58.2303, 0.3404, 0.3873



58.2303, 0.2874, 0.3618

Sweetspot

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



58.2327, 0.2833, 0.2762



88.0620, 0.3044, 0.3139



79.9803, 0.2835, 0.3247



18.5831, 0.3034, 0.3122



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.



58.2327, 0.2833, 0.2762



59.3142, 0.2768, 0.2646



61.7117, 0.3003, 0.2788



15.9933, 0.2992, 0.3046



3.6586, 0.1527, 0.0615



0.3440, 0.1589, 0.0649

Inverse Universe

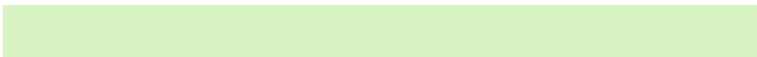
The Inverse Universe completely reimagines the original color for something new.



64.7734, 0.3178, 0.2848



67.8045, 0.3189, 0.2761



82.6117, 0.3231, 0.3802



16.7429, 0.3151, 0.3076



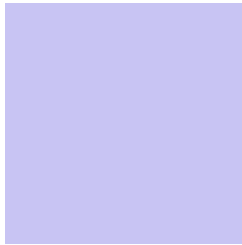
13.3793, 0.3432, 0.1665



1.1829, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 58.2303, 0.2833, 0.2762 looks on a white background.

Color Contrast Check

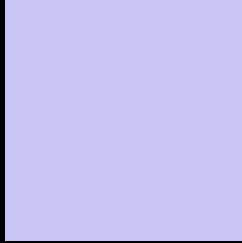
Large Text (above 18pt) WCAG AA × Fail

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 58.2303, 0.2833, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

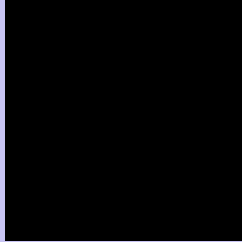
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2303, 0.2833, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 58.2303, 0.2833, 0.2762.



This preview shows how white text looks on a background with the Yxy color 58.2303, 0.2833, 0.2762.

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

58.2303, 0.2833, 0.2762

Protanopia

58.3866, 0.2754, 0.2766

Deuteranopia

58.0930, 0.2826, 0.2761



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.2303, 0.2833, 0.2762

Protanomaly

58.3892, 0.2786, 0.2768

Deuteranomaly

58.0930, 0.2826, 0.2761

Tritanomaly

58.2082, 0.2924, 0.2977

Monochromacy



Original Color

58.2303, 0.2833, 0.2762

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9271, 0.3015, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2303, 0.2833, 0.2762 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(200, 196, 243)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 243)  
}
```

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(200, 196, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 243) }
```

Border

The CSS property to change the border of an element to Yxy 58.2303, 0.2833, 0.2762 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(200, 196, 243) }
```

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

```
.border{ border-color:rgb(200, 196, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 243);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2303, 0.2833, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 243) }
```

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

```
.background{ background-color: rgb(200,  
196, 243) }
```

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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