

Converting Colors

$Y_{xy}(63.2592, 0.2756, 0.2615)$

Have a look what the booklet for
Yxy(63.2592, 0.2756, 0.2615)
contains.

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Color

Yxy(62.4032, 0.2817, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	D0C9FF
RGB	208, 201, 255
RGB Percent	82%, 79%, 100%
CMY	0.1841, 0.2118, 0.0000
CMYK	0.18, 0.21, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 21%, 100%
XYZ	64.9630, 62.4032, 103.2443
YIQ	209.2490, -13.1620, 18.2780

Conversions

Conversions Part 2

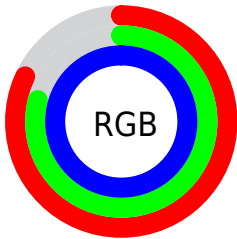
Format	Color
R _Y B	208, 201, 255
Decimal	13683199
CIE Lab	83.13, 13.16, -25.58
CIE LCh	83, 28.764, 297.225
Yxy	62.4032, 0.2817, 0.2706
Android (android.graphics.Color)	4291873279 (0xFFD0C9FF)
YUV	209.2490, 22.5552, -1.0954
Hunter-Lab	78.9957, 8.5490, -22.1927

Details

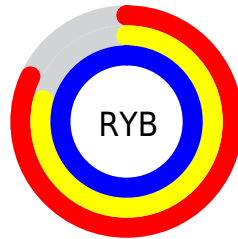
The Yxy color **62.4032, 0.2817, 0.2706** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.6794, 0.3401, 0.3829**, and the grayscale version is **63.7929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7170, 0.2739, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **48.4952, 0.2641, 0.2385**, and if you desaturate by 10%, it is **78.7360, 0.2974, 0.2999**.

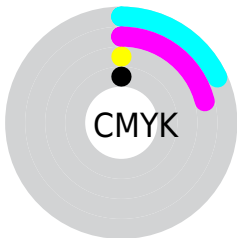
Distribution



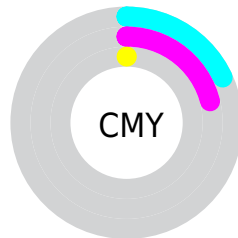
- Red (82%)
- Green (79%)
- Blue (100%)



- Red (82%)
- Yellow (79%)
- Blue (100%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4032, 0.2817, 0.2706 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 62.4032, 0.2817, 0.2706 by changing the saturation by 10% instead.

■ 62.4032, 0.2817,
0.2706

■ 62.4032, 0.2817,
0.2706

433.4003, 0.2965,
0.2974

■ 45.3586, 0.2782,
0.2646

108.3081, 0.2869,
0.2798

■ 31.7400, 0.2739,
0.2572

137.9371, 0.2889,
0.2834

■ 21.1630, 0.2683,
0.2480

172.5297, 0.2907,
0.2865

■ 13.2432, 0.2609,
0.2360

212.4703, 0.2922,
0.2893

■ 7.5962, 0.2508,
0.2202

258.1432, 0.2935,
0.2916

■ 3.8377, 0.2359,
0.1981

309.9330, 0.2946,

■ 1.5832, 0.2127,

0.2938

0.1660

368.2239, 0.2956,
0.2957

0.3462, 0.1744,
0.0928

0.0000, 0.0000,
0.0000

62.4032, 0.2817,
0.2706

62.4032, 0.2817,
0.2706

48.4952, 0.2641,
0.2385

78.7360, 0.2974,
0.2999

36.8923, 0.2449,
0.2044

97.5977, 0.3112,
0.3261

27.4704, 0.2249,
0.1697

100.0000, 0.3127,
0.3290

20.0921, 0.2050,
0.1365

■ 14.6044, 0.1868,
0.1073

■ 10.8323, 0.1715,
0.0844

■ 8.5676, 0.1603,
0.0693

■ 7.5498, 0.1541,
0.0622

Harmonies

Analogous

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



62.4032, 0.2560, 0.2720



62.4032, 0.2817, 0.2706



62.4032, 0.3171, 0.2828

Triad

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



62.4032, 0.2817, 0.2706



62.4032, 0.3852, 0.3640



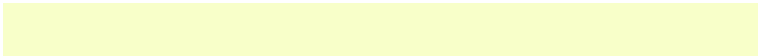
62.4032, 0.2722, 0.3529

Complementary

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



62.4032, 0.2817, 0.2706



95.6794, 0.3401, 0.3829

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.



62.4032, 0.3051, 0.3823



62.4032, 0.2817, 0.2706



62.4032, 0.3711, 0.3866

Square

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



62.4032, 0.2817, 0.2706



62.4032, 0.3787, 0.3347



62.4032, 0.3414, 0.3945



62.4032, 0.2507, 0.3175

Rectangle

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



62.4032, 0.2817, 0.2706



62.4032, 0.3418, 0.2972



62.4032, 0.3414, 0.3945



62.4032, 0.2822, 0.3640

Sweetspot

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



62.4045, 0.2817, 0.2706



88.1885, 0.3048, 0.3139



87.2004, 0.2806, 0.3223



18.6129, 0.3039, 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.



62.4045, 0.2817, 0.2706



56.8148, 0.2752, 0.2587



66.5285, 0.3001, 0.2737



17.4917, 0.2999, 0.3046



3.9798, 0.1549, 0.0627



0.4212, 0.1627, 0.0670

Inverse Universe

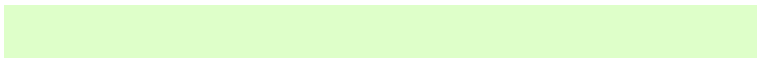
The Inverse Universe completely reimagines the original color for something new.



69.7990, 0.3202, 0.2827



65.3247, 0.3217, 0.2742



91.2171, 0.3229, 0.3859



18.2570, 0.3158, 0.3086



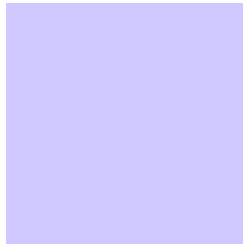
13.8696, 0.3571, 0.1741



1.3613, 0.3524, 0.1715

Previews

White Background



This preview shows how the Yxy color 62.4032, 0.2817, 0.2706 looks on a white background.

Color Contrast Check

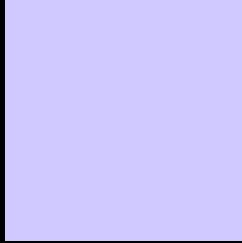
Large Text (above 18pt) WCAG AA × Fail

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 62.4032, 0.2817, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

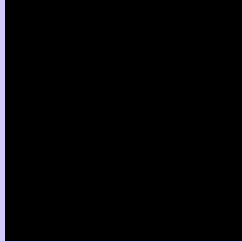
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4032, 0.2817, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 62.4032, 0.2817, 0.2706.

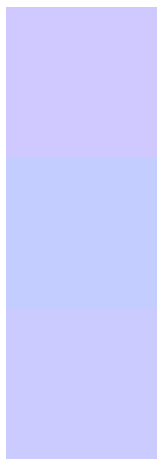


This preview shows how white text looks on a background with the Yxy color 62.4032, 0.2817, 0.2706.

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

62.4032, 0.2817, 0.2706

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.5099, 0.2981, 0.3107

Trichromacy



Original Color

62.4032, 0.2817, 0.2706

Protanomaly

62.6851, 0.2765, 0.2731

Deuteranomaly

62.4402, 0.2797, 0.2714

Tritanomaly

62.4982, 0.2917, 0.2953

Monochromacy



Original Color

62.4032, 0.2817, 0.2706

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1889, 0.3012, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4032, 0.2817, 0.2706 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(208, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 255)  
}
```

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(208, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.4032, 0.2817, 0.2706 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(208, 201, 255) }
```

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

```
.border{ border-color:rgb(208, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4032, 0.2817, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 255) }
```

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

```
.background{ background-color: rgb(208,  
201, 255) }
```

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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