

Converting Colors

Yxy(57.1781, 0.2775, 0.2588)

Have a look what the booklet for
Yxy(57.1781, 0.2775, 0.2588)
contains.

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Color

Yxy(57.1781, 0.2775, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFFF
RGB	203, 191, 255
RGB Percent	80%, 75%, 100%
CMY	0.2040, 0.2510, 0.0000
CMYK	0.20, 0.25, 0.00, 0.00
HSL	251°, 100%, 87%
HSV	251°, 25%, 100%
XYZ	61.3096, 57.1781, 102.4478
YIQ	201.8840, -13.3920, 22.4480

Conversions

Conversions Part 2

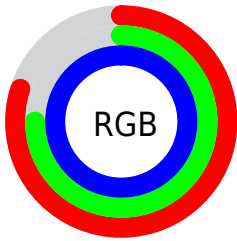
Format	Color
R _Y B	203, 191, 255
Decimal	13352959
CIE Lab	80.28, 17.02, -29.98
CIE LCh	80, 34.473, 299.581
Yxy	57.1781, 0.2775, 0.2588
Android (android.graphics.Color)	4291543039 (0xFFCBBFFF)
YUV	201.8840, 26.1862, 0.9787
Hunter-Lab	75.6162, 12.3994, -27.3971

Details

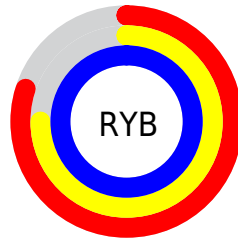
The Yxy color **57.1781, 0.2775, 0.2588** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.3417, 0.3427, 0.3937**, and the grayscale version is **58.8239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.5501, 0.2684, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **44.2885, 0.2603, 0.2263**, and if you desaturate by 10%, it is **72.3921, 0.2930, 0.2890**.

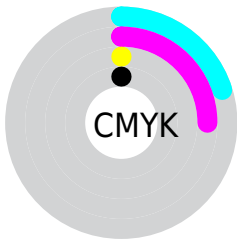
Distribution



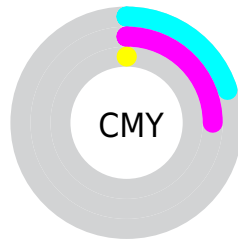
- Red (80%)
- Green (75%)
- Blue (100%)



- Red (80%)
- Yellow (75%)
- Blue (100%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1781, 0.2775, 0.2588 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 57.1781, 0.2775, 0.2588 by changing the saturation by 10% instead.


 57.1781, 0.2775,
0.2588

 57.1781, 0.2775,
0.2588

414.1163, 0.2946,
0.2911

 41.1482, 0.2734,
0.2515


 100.7250, 0.2836,
0.2699

 28.4349, 0.2683,
0.2426


129.0109, 0.2859,
0.2743

 18.6538, 0.2617,
0.2314


162.1508, 0.2879,
0.2780

 11.4204, 0.2529,
0.2171

200.5293, 0.2896,
0.2813

 6.3503, 0.2406,
0.1980

244.5307, 0.2911,
0.2842

 3.0593, 0.2226,
0.1718

294.5394, 0.2924,

 1.1627, 0.1944,

0.2868

0.1344

350.9398, 0.2936,
0.2890

0.0310, 0.1418,
0.0099

0.0000, 0.0000,
0.0000

57.1781, 0.2775,
0.2588

57.1781, 0.2775,
0.2588

44.2885, 0.2603,
0.2263

72.3921, 0.2930,
0.2890

33.6090, 0.2417,
0.1924

90.0394, 0.3065,
0.3163

25.0133, 0.2224,
0.1586

100.0000, 0.3127,
0.3290

18.3630, 0.2035,
0.1272

■ 13.5025, 0.1862,
0.1004

■ 10.2517, 0.1719,
0.0803

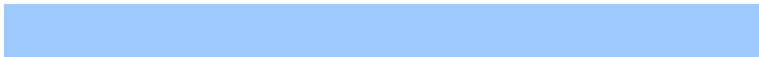
■ 8.3910, 0.1613,
0.0679

■ 7.8412, 0.1576,
0.0642

Harmonies

Analogous

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



57.1781, 0.2454, 0.2586



57.1781, 0.2775, 0.2588



57.1781, 0.3214, 0.2748

Triad

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



57.1781, 0.2775, 0.2588



57.1781, 0.4016, 0.3734



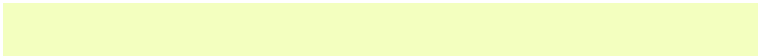
57.1781, 0.2602, 0.3550

Complementary

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



57.1781, 0.2775, 0.2588



94.3417, 0.3427, 0.3937

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.



57.1781, 0.2993, 0.3936



57.1781, 0.2775, 0.2588



57.1781, 0.3818, 0.4010

Square

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



57.1781, 0.2775, 0.2588



57.1781, 0.3960, 0.3380



57.1781, 0.3439, 0.4103



57.1781, 0.2358, 0.3107

Rectangle

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



57.1781, 0.2775, 0.2588



57.1781, 0.3518, 0.2925



57.1781, 0.3439, 0.4103



57.1781, 0.2719, 0.3695

Sweetspot

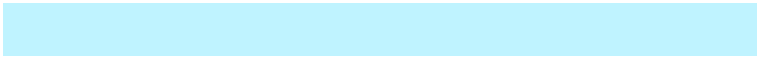
The Sweet Spot groups the original color and five complimentary colors.



57.1777, 0.2775, 0.2588



84.6571, 0.3028, 0.3087



82.5588, 0.2746, 0.3163



17.5412, 0.3008, 0.3046



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.



57.1777, 0.2775, 0.2588



50.5727, 0.2693, 0.2431



62.1015, 0.3005, 0.2633



17.5412, 0.3008, 0.3046



4.1437, 0.1586, 0.0648



0.4450, 0.1682, 0.0700

Inverse Universe

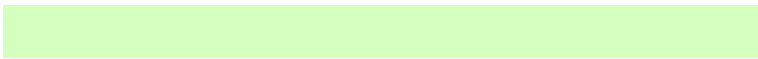
The Inverse Universe completely reimagines the original color for something new.



64.9972, 0.3245, 0.2773



59.6325, 0.3272, 0.2670



89.1708, 0.3219, 0.3981



18.2386, 0.3167, 0.3099



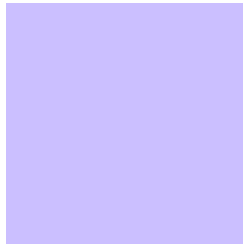
13.4913, 0.3749, 0.1839



1.3280, 0.3676, 0.1799

Previews

White Background



This preview shows how the Yxy color 57.1781, 0.2775, 0.2588 looks on a white background.

Color Contrast Check

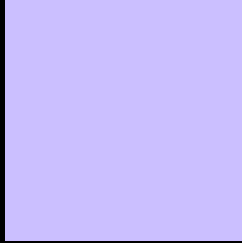
Large Text (above 18pt) WCAG AA × Fail

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 57.1781, 0.2775, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

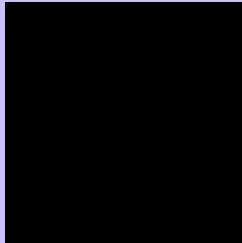
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1781, 0.2775, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 57.1781, 0.2775, 0.2588.

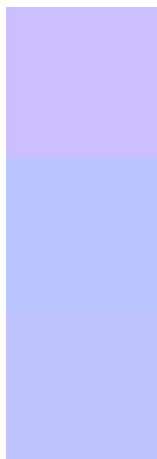


This preview shows how white text looks on a background with the Yxy color 57.1781, 0.2775, 0.2588.

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

57.1781, 0.2775, 0.2588

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.1331, 0.2696, 0.2627



Tritanopia

57.4376, 0.2998, 0.3112

Trichromacy



Original Color

57.1781, 0.2775, 0.2588

Protanomaly

57.3266, 0.2697, 0.2618

Deuteranomaly

57.3414, 0.2729, 0.2622

Tritanomaly

57.2791, 0.2917, 0.2909

Monochromacy



Original Color

57.1781, 0.2775, 0.2588

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1652, 0.2994, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1781, 0.2775, 0.2588 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(203, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 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(203, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.1781, 0.2775, 0.2588 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(203, 191, 255) }
```

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

```
.border{ border-color:rgb(203, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1781, 0.2775, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 255) }
```

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

```
.background{ background-color: rgb(203,  
191, 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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