

Converting Colors

$Y_{xy}(58.5729, 0.2545, 0.2280)$

Have a look what the booklet for
Yxy(58.5729, 0.2545, 0.2280)
contains.

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Color

Yxy(56.3519, 0.2734, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	C5BFFF
RGB	197, 191, 255
RGB Percent	77%, 75%, 100%
CMY	0.2273, 0.2510, 0.0000
CMYK	0.23, 0.25, 0.00, 0.00
HSL	246°, 100%, 87%
HSV	246°, 25%, 100%
XYZ	59.7155, 56.3519, 102.3508
YIQ	200.0900, -16.9680, 21.1760

Conversions

Conversions Part 2

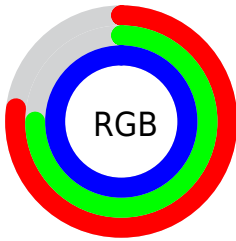
Format	Color
RYB	197, 191, 255
Decimal	12959743
CIELab	79.81, 15.25, -30.72
CIELCh	80, 34.298, 296.398
Yxy	56.3519, 0.2734, 0.2580
Android (android.graphics.Color)	4291149823 (0xFFC5BFFF)
YUV	200.0900, 27.0706, -2.7099
Hunter-Lab	75.0679, 10.6256, -28.2910

Details

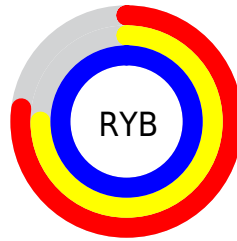
The Yxy color **56.3519, 0.2734, 0.2580** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.4124, 0.3467, 0.3928**, and the grayscale version is **57.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8124, 0.3124, 0.3213**, and **28.0050, 0.2631, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **43.3003, 0.2545, 0.2247**, and if you desaturate by 10%, it is **71.8194, 0.2906, 0.2887**.

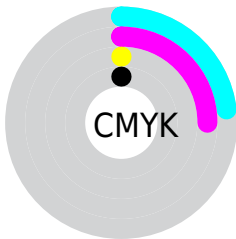
Distribution



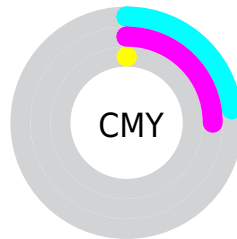
- Red (77%)
- Green (75%)
- Blue (100%)



- Red (77%)
- Yellow (75%)
- Blue (100%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3519, 0.2734, 0.2580 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 56.3519, 0.2734, 0.2580 by changing the saturation by 10% instead.

■ 56.3519, 0.2734,
0.2580

■ 56.3519, 0.2734,
0.2580

■ 411.0163, 0.2925,
0.2908

■ 40.4851, 0.2689,
0.2506

■ 99.5189, 0.2802,
0.2693

■ 27.9170, 0.2632,
0.2415

■ 127.5879, 0.2828,
0.2737

■ 18.2631, 0.2559,
0.2301

■ 160.4932, 0.2850,
0.2776

■ 11.1390, 0.2462,
0.2154

■ 198.6190, 0.2869,
0.2809

■ 6.1604, 0.2327,
0.1959

■ 242.3499, 0.2886,
0.2838

■ 2.9429, 0.2131,
0.1690

■ 292.0701, 0.2900,

■ 1.1020, 0.1825,

0.2864

0.1306

348.1641, 0.2913,
0.2887

0.0000, 0.1173,
0.0000

0.0000, 0.0000,
0.0000

56.3519, 0.2734,
0.2580

56.3519, 0.2734,
0.2580

43.3003, 0.2545,
0.2247

71.8194, 0.2906,
0.2887

32.5390, 0.2342,
0.1898

89.8127, 0.3057,
0.3162

23.9366, 0.2136,
0.1550

100.0000, 0.3127,
0.3290

17.3468, 0.1940,
0.1228

■ 12.6048, 0.1769,
0.0957

■ 9.5200, 0.1636,
0.0759

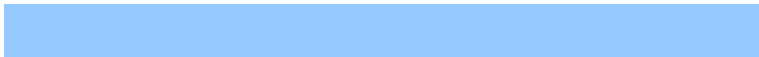
■ 7.8594, 0.1550,
0.0645

■ 7.4153, 0.1524,
0.0613

Harmonies

Analogous

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



56.3519, 0.2429, 0.2597



56.3519, 0.2734, 0.2580



56.3519, 0.3165, 0.2724

Triad

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



56.3519, 0.2734, 0.2580



56.3519, 0.4023, 0.3699



56.3519, 0.2637, 0.3597

Complementary

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



56.3519, 0.2734, 0.2580



95.4124, 0.3467, 0.3928

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.



56.3519, 0.3040, 0.3966



56.3519, 0.2734, 0.2580



56.3519, 0.3849, 0.3987

Square

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



56.3519, 0.2734, 0.2580



56.3519, 0.3938, 0.3341



56.3519, 0.3485, 0.4104



56.3519, 0.2376, 0.3152

Rectangle

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



56.3519, 0.2734, 0.2580



56.3519, 0.3471, 0.2894



56.3519, 0.3485, 0.4104



56.3519, 0.2760, 0.3738

Sweetspot

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



56.3531, 0.2734, 0.2580



84.3311, 0.3016, 0.3086



86.4590, 0.2752, 0.3232



17.4598, 0.2993, 0.3045



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.



56.3531, 0.2734, 0.2580



49.6650, 0.2643, 0.2420



61.0256, 0.2957, 0.2624



17.4598, 0.2993, 0.3045



3.9018, 0.1531, 0.0617



0.4062, 0.1593, 0.0651

Inverse Universe

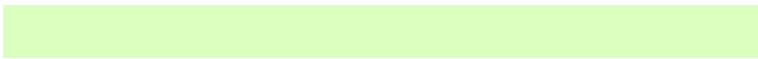
The Inverse Universe completely reimagines the original color for something new.



65.3543, 0.3201, 0.2718



60.0634, 0.3217, 0.2605



90.1345, 0.3260, 0.3973



18.2690, 0.3153, 0.3078



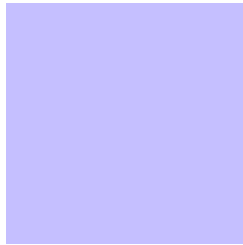
14.1330, 0.3463, 0.1681



1.3844, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 56.3519, 0.2734, 0.2580 looks on a white background.

Color Contrast Check

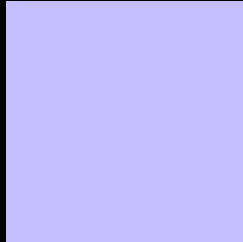
Large Text (above 18pt) WCAG AA × Fail

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 56.3519, 0.2734, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

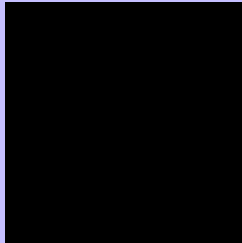
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3519, 0.2734, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 56.3519, 0.2734, 0.2580.

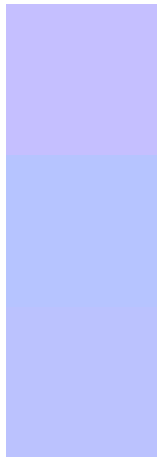


This preview shows how white text looks on a background with the Yxy color 56.3519, 0.2734, 0.2580.

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

56.3519, 0.2734, 0.2580

Protanopia

56.6449, 0.2639, 0.2619

Deuteranopia

56.3041, 0.2675, 0.2612



Tritanopia

56.5207, 0.2946, 0.3109

Trichromacy



Original Color

56.3519, 0.2734, 0.2580

Protanomaly

56.3684, 0.2670, 0.2602

Deuteranomaly

56.3721, 0.2701, 0.2605

Tritanomaly

56.3435, 0.2867, 0.2904

Monochromacy



Original Color

56.3519, 0.2734, 0.2580

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2419, 0.2979, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3519, 0.2734, 0.2580 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(197, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.3519, 0.2734, 0.2580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

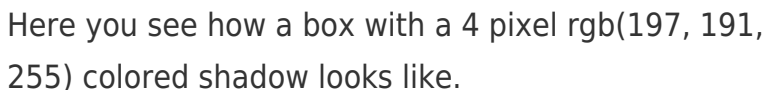
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 191, 255) }
```

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

```
.border{ border-color:rgb(197, 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(197, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 191, 255); box-shadow:4px 4px 4px 4px rgb(197, 191, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3519, 0.2734, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 255) }
```

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

```
.background{ background-color: rgb(197,  
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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