

Converting Colors

$Yxy(56.0642, 0.2721, 0.2577)$

Have a look what the booklet for
Yxy(56.0642, 0.2721, 0.2577)
contains.

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Color

Yxy(56.0837, 0.2720, 0.2578)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFFF
RGB	195, 191, 255
RGB Percent	76%, 75%, 100%
CMY	0.2355, 0.2509, 0.0001
CMYK	0.24, 0.25, 0.00, 0.00
HSL	244°, 100%, 87%
HSV	244°, 25%, 100%
XYZ	59.1729, 56.0837, 102.2908
YIQ	199.4920, -18.1600, 20.7520

Conversions

Conversions Part 2

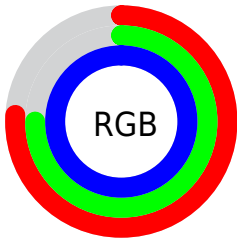
Format	Color
R_{YB}	195, 191, 255
Decimal	12828671
CIE Lab	79.66, 14.60, -30.95
CIE LCh	80, 34.219, 295.264
Yxy	56.0837, 0.2720, 0.2578
Android (android.graphics.Color)	4291018751 (0xFFC3BFFF)
YUV	199.4920, 27.3654, -3.9395
Hunter-Lab	74.8891, 9.9842, -28.5617

Details

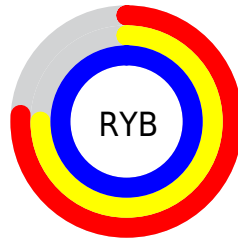
The Yxy color $56.0837, 0.2720, 0.2578$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.7835, 0.3481, 0.3925$, and the grayscale version is $57.2648, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4370, 0.3112, 0.3213$, and $27.8296, 0.2614, 0.2417$ is the 20% darker color. If you saturate the color by 10%, you get $42.9790, 0.2524, 0.2242$, and if you desaturate by 10%, it is $71.6395, 0.2898, 0.2887$.

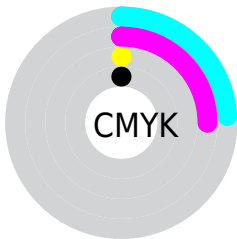
Distribution



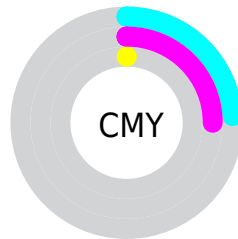
- Red (76%)
- Green (75%)
- Blue (100%)



- Red (76%)
- Yellow (75%)
- Blue (100%)



- Cyan (24%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0837, 0.2720, 0.2578 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 56.0837, 0.2720, 0.2578 by changing the saturation by 10% instead.

 56.0837, 0.2720,
0.2578

 56.0837, 0.2720,
0.2578

410.0069, 0.2917,
0.2907

 40.2700, 0.2673,
0.2503


 99.1269, 0.2790,
0.2692

 27.7492, 0.2614,
0.2412


127.1253, 0.2817,
0.2736

 18.1366, 0.2539,
0.2297


159.9540, 0.2840,
0.2775

 11.0481, 0.2439,
0.2149

197.9975, 0.2859,
0.2808

 6.0992, 0.2300,
0.1952

241.6401, 0.2877,
0.2837

 2.9055, 0.2098,
0.1681

291.2663, 0.2892,

 1.0826, 0.1785,

0.2863

0.1295

347.2604, 0.2905,
0.2887

0.0000, 0.1081,
0.0000

0.0000, 0.0000,
0.0000

56.0837, 0.2720,
0.2578

56.0837, 0.2720,
0.2578

42.9790, 0.2524,
0.2242

71.6395, 0.2898,
0.2887

32.1942, 0.2317,
0.1889

89.7554, 0.3055,
0.3163

23.5957, 0.2107,
0.1539

99.9983, 0.3127,
0.3290

17.0341, 0.1910,
0.1214

■ 12.3408, 0.1740,
0.0943

■ 9.3203, 0.1613,
0.0747

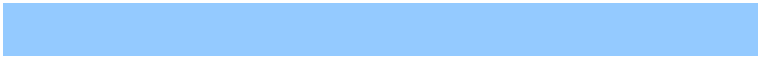
■ 7.7335, 0.1535,
0.0637

■ 7.3254, 0.1513,
0.0607

Harmonies

Analogous

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



56.0837, 0.2422, 0.2601



56.0837, 0.2720, 0.2578



56.0837, 0.3147, 0.2717

Triad

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



56.0837, 0.2720, 0.2578



56.0837, 0.4024, 0.3686



56.0837, 0.2651, 0.3613

Complementary

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



56.0837, 0.2720, 0.2578



95.7835, 0.3481, 0.3925

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.



56.0837, 0.3057, 0.3975



56.0837, 0.2720, 0.2578



56.0837, 0.3860, 0.3978

Square

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



56.0837, 0.2720, 0.2578



56.0837, 0.3929, 0.3327



56.0837, 0.3501, 0.4104



56.0837, 0.2383, 0.3168

Rectangle

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



56.0837, 0.2720, 0.2578



56.0837, 0.3454, 0.2883



56.0837, 0.3501, 0.4104



56.0837, 0.2775, 0.3753

Sweetspot

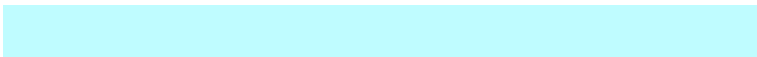
The Sweet Spot groups the original color and five complimentary colors.



56.0859, 0.2720, 0.2578



84.2155, 0.3011, 0.3086



87.7779, 0.2754, 0.3255



17.4310, 0.2988, 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.



56.0859, 0.2720, 0.2578



49.3516, 0.2626, 0.2416



60.6909, 0.2942, 0.2622



17.4310, 0.2988, 0.3045



3.8489, 0.1518, 0.0610



0.3926, 0.1561, 0.0633

Inverse Universe

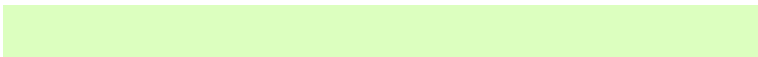
The Inverse Universe completely reimagines the original color for something new.



65.4950, 0.3185, 0.2699



60.2213, 0.3198, 0.2583



90.4503, 0.3274, 0.3969



18.2800, 0.3148, 0.3070



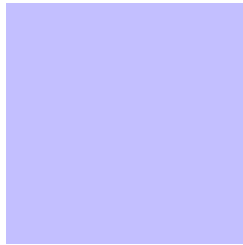
14.3840, 0.3370, 0.1630



1.4061, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 56.0837, 0.2720, 0.2578 looks on a white background.

Color Contrast Check

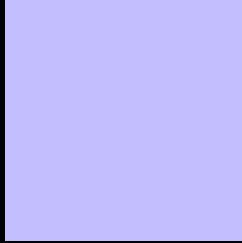
Large Text (above 18pt) WCAG AA × Fail

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 56.0837, 0.2720, 0.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

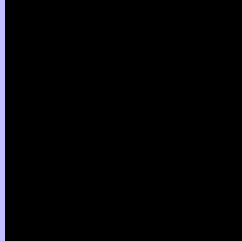
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0837, 0.2720, 0.2578

Background



This preview shows how black text looks on a background with the Yxy color 56.0837, 0.2720, 0.2578.

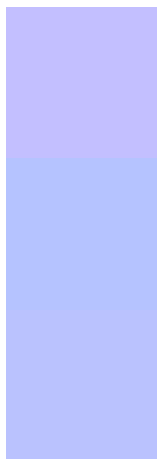


This preview shows how white text looks on a background with the Yxy color 56.0837, 0.2720, 0.2578.

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

56.0837, 0.2720, 0.2578

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

56.1784, 0.2669, 0.2611



Tritanopia

56.2667, 0.2931, 0.3109

Trichromacy



Original Color

56.0837, 0.2720, 0.2578

Protanomaly

56.2427, 0.2663, 0.2601

Deuteranomaly

56.1145, 0.2688, 0.2603

Tritanomaly

56.0841, 0.2852, 0.2902

Monochromacy



Original Color

56.0837, 0.2720, 0.2578

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6001, 0.2978, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0837, 0.2720, 0.2578 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(195, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.0837, 0.2720, 0.2578 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(195, 191, 255) }
```

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

```
.border{ border-color:rgb(195, 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(195, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0837, 0.2720, 0.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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