

Converting Colors

$Yxy(56.7385, 0.2683, 0.2607)$

Have a look what the booklet for
Yxy(56.7385, 0.2683, 0.2607)
contains.

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Color

Yxy(56.6224, 0.2683, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	BDC2FF
RGB	189, 194, 255
RGB Percent	74%, 76%, 100%
CMY	0.2586, 0.2393, 0.0000
CMYK	0.26, 0.24, 0.00, 0.00
HSL	236°, 100%, 87%
HSV	236°, 26%, 100%
XYZ	58.3402, 56.6224, 102.4813
YIQ	199.4590, -22.5610, 17.9110

Conversions

Conversions Part 2

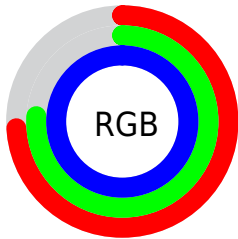
Format	Color
R _Y B	189, 194, 255
Decimal	12436223
CIE Lab	79.97, 11.28, -30.54
CIE LCh	80, 32.556, 290.265
Yxy	56.6224, 0.2683, 0.2604
Android (android.graphics.Color)	4290626303 (0xFFBDC2FF)
YUV	199.4590, 27.3817, -9.1725
Hunter-Lab	75.2479, 6.7086, -28.0746

Details

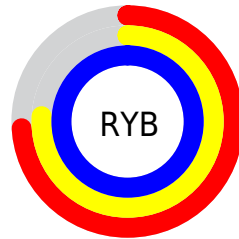
The Yxy color **56.6224, 0.2683, 0.2604** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.3492, 0.3531, 0.3894**, and the grayscale version is **57.2528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1840, 0.3073, 0.3241**, and **28.1953, 0.2568, 0.2451** is the 20% darker color. If you saturate the color by 10%, you get **43.9624, 0.2482, 0.2287**, and if you desaturate by 10%, it is **71.5242, 0.2869, 0.2894**.

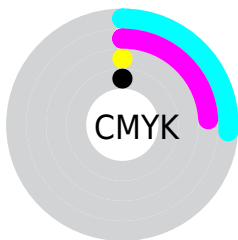
Distribution



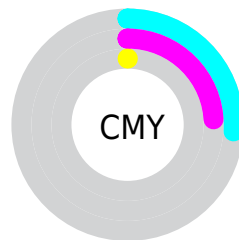
- Red (74%)
- Green (76%)
- Blue (100%)



- Red (74%)
- Yellow (76%)
- Blue (100%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6224, 0.2683, 0.2604 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 56.6224, 0.2683, 0.2604 by changing the saturation by 10% instead.

■ 56.6224, 0.2683,
0.2604

■ 56.6224, 0.2683,
0.2604

412.0329, 0.2897,
0.2923

■ 40.7022, 0.2633,
0.2532

■ 99.9140, 0.2758,
0.2714

■ 28.0864, 0.2570,
0.2443

128.0542, 0.2787,
0.2757

■ 18.3908, 0.2489,
0.2331

161.0364, 0.2812,
0.2794

■ 11.2309, 0.2383,
0.2186

199.2452, 0.2834,
0.2827

■ 6.2224, 0.2237,
0.1993

243.0648, 0.2852,
0.2855

■ 2.9808, 0.2025,
0.1726

292.8797, 0.2869,

■ 1.1217, 0.1701,

0.2880

0.1342

349.0742, 0.2884,
0.2902

0.0000, 0.0925,
0.0000

0.0000, 0.0000,
0.0000

56.6224, 0.2683,
0.2604

56.6224, 0.2683,
0.2604

43.9624, 0.2482,
0.2287

71.5242, 0.2869,
0.2894

33.4335, 0.2272,
0.1951

88.7666, 0.3038,
0.3153

24.9190, 0.2065,
0.1612

100.0000, 0.3127,
0.3290

18.2897, 0.1873,
0.1292

■ 13.4019, 0.1712,
0.1015

■ 10.0907, 0.1594,
0.0803

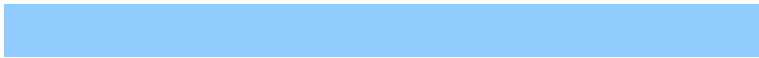
■ 8.1590, 0.1526,
0.0669

■ 7.6883, 0.1510,
0.0635

Harmonies

Analogous

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



56.6224, 0.2424, 0.2655



56.6224, 0.2683, 0.2604



56.6224, 0.3075, 0.2712

Triad

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



56.6224, 0.2683, 0.2604



56.6224, 0.3980, 0.3614



56.6224, 0.2733, 0.3663

Complementary

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



56.6224, 0.2683, 0.2604



93.3492, 0.3531, 0.3894

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.



56.6224, 0.3133, 0.3975



56.6224, 0.2683, 0.2604



56.6224, 0.3864, 0.3907

Square

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



56.6224, 0.2683, 0.2604



56.6224, 0.3849, 0.3270



56.6224, 0.3549, 0.4057



56.6224, 0.2450, 0.3245

Rectangle

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



56.6224, 0.2683, 0.2604



56.6224, 0.3367, 0.2858



56.6224, 0.3549, 0.4057



56.6224, 0.2858, 0.3787

Sweetspot

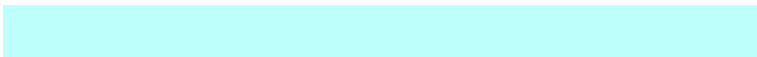
The Sweet Spot groups the original color and five complimentary colors.



56.6231, 0.2683, 0.2604



84.8777, 0.3003, 0.3101



89.2167, 0.2774, 0.3348



17.5959, 0.2978, 0.3063



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.



56.6231, 0.2683, 0.2604



49.8442, 0.2581, 0.2444



58.3180, 0.2871, 0.2586



17.5959, 0.2978, 0.3063



4.0950, 0.1513, 0.0646



0.4708, 0.1541, 0.0748

Inverse Universe

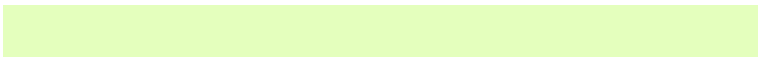
The Inverse Universe completely reimagines the original color for something new.



61.5725, 0.3641, 0.3240



55.6628, 0.3782, 0.3230



91.6124, 0.3336, 0.3979



18.0091, 0.3283, 0.3273



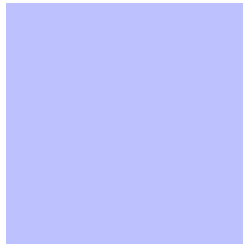
11.1414, 0.6323, 0.3257



1.0921, 0.6154, 0.3164

Previews

White Background



This preview shows how the Yxy color 56.6224, 0.2683, 0.2604 looks on a white background.

Color Contrast Check

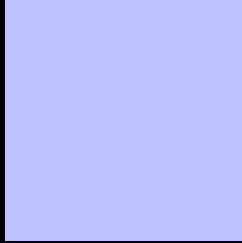
Large Text (above 18pt) WCAG AA × Fail

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 56.6224, 0.2683, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

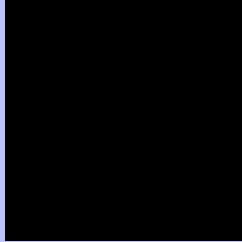
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6224, 0.2683, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 56.6224, 0.2683, 0.2604.

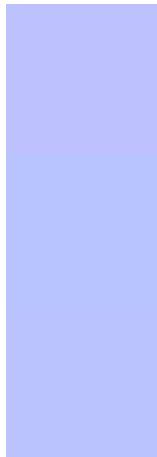


This preview shows how white text looks on a background with the Yxy color 56.6224, 0.2683, 0.2604.

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

56.6224, 0.2683, 0.2604

Protanopia

56.7671, 0.2646, 0.2620

Deuteranopia

56.8150, 0.2671, 0.2614



Tritanopia

56.6068, 0.2869, 0.3095

Trichromacy



Original Color

56.6224, 0.2683, 0.2604

Protanomaly

56.5645, 0.2658, 0.2611

Deuteranomaly

56.9416, 0.2677, 0.2615

Tritanomaly

56.3480, 0.2798, 0.2899

Monochromacy



Original Color

56.6224, 0.2683, 0.2604

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6491, 0.2956, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6224, 0.2683, 0.2604 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(189, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 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(189, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.6224, 0.2683, 0.2604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

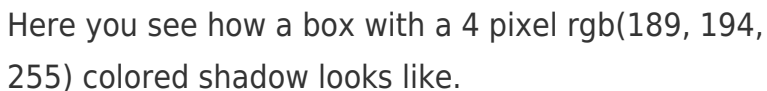
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 194, 255) }
```

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

```
.border{ border-color:rgb(189, 194, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 194, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 194, 255); box-shadow:4px 4px 4px 4px rgb(189, 194, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6224, 0.2683, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 255) }
```

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

```
.background{ background-color: rgb(189,  
194, 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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