

Converting Colors

Yxy(56.9432, 0.2653, 0.2623)

Have a look what the booklet for
Yxy(56.9432, 0.2653, 0.2623)
contains.

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Color

Yxy(56.8902, 0.2652, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	B8C4FF
RGB	184, 196, 255
RGB Percent	72%, 77%, 100%
CMY	0.2787, 0.2313, 0.0001
CMYK	0.28, 0.23, 0.00, 0.00
HSL	230°, 100%, 86%
HSV	230°, 28%, 100%
XYZ	57.5411, 56.8902, 102.5412
YIQ	199.1380, -26.0910, 15.8050

Conversions

Conversions Part 2

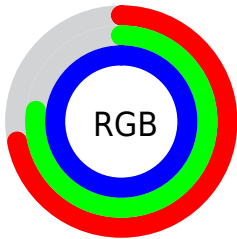
Format	Color
RYB	184, 194, 255
Decimal	12109055
CIELab	80.12, 8.68, -30.32
CIELCh	80, 31.536, 285.969
Yxy	56.8902, 0.2652, 0.2622
Android (android.graphics.Color)	4290299135 (0xFFB8C4FF)
YUV	199.1380, 27.5400, -13.2760
Hunter-Lab	75.4256, 4.1803, -27.8069

Details

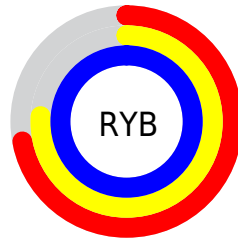
The Yxy color **56.8902, 0.2652, 0.2622** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7453, 0.3580, 0.3879**, and the grayscale version is **57.0368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1713, 0.3042, 0.3270**, and **28.0903, 0.2529, 0.2457** is the 20% darker color. If you saturate the color by 10%, you get **45.1415, 0.2457, 0.2333**, and if you desaturate by 10%, it is **70.5566, 0.2836, 0.2886**.

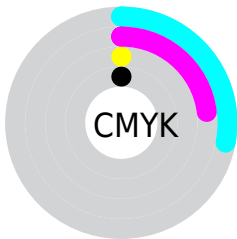
Distribution



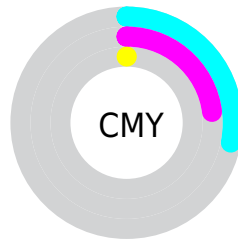
- Red (72%)
- Green (77%)
- Blue (100%)



- Red (72%)
- Yellow (76%)
- Blue (100%)



- Cyan (28%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8902, 0.2652, 0.2622 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 56.8902, 0.2652, 0.2622 by changing the saturation by 10% instead.

■ 56.8902, 0.2652,
0.2622

■ 56.8902, 0.2652,
0.2622

413.0377, 0.2879,
0.2933

■ 40.9171, 0.2599,
0.2551

■ 100.3050, 0.2732,
0.2730

■ 28.2543, 0.2532,
0.2464

128.5154, 0.2763,
0.2772

■ 18.5174, 0.2447,
0.2353

161.5737, 0.2789,
0.2808

■ 11.3221, 0.2336,
0.2211

199.8644, 0.2812,
0.2840

■ 6.2839, 0.2183,
0.2020

243.7717, 0.2832,
0.2867

■ 3.0185, 0.1963,
0.1755

293.6801, 0.2850,

■ 1.1414, 0.1629,

0.2892

0.1372

349.9740, 0.2865,
0.2914

0.0130, 0.0771,
0.0045

0.0000, 0.0000,
0.0000

56.8902, 0.2652,
0.2622

56.8902, 0.2652,
0.2622

45.1415, 0.2457,
0.2333

70.5566, 0.2836,
0.2886

35.2172, 0.2257,
0.2027

86.2148, 0.3005,
0.3123

27.0263, 0.2061,
0.1715

99.9990, 0.3127,
0.3290

20.4670, 0.1882,
0.1413

■ 15.4265, 0.1730,
0.1141

■ 11.7769, 0.1617,
0.0918

■ 9.3627, 0.1547,
0.0756

■ 8.9778, 0.1536,
0.0729

Harmonies

Analogous

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



56.8902, 0.2423, 0.2696



56.8902, 0.2652, 0.2622



56.8902, 0.3018, 0.2706

Triad

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



56.8902, 0.2652, 0.2622



56.8902, 0.3949, 0.3559



56.8902, 0.2797, 0.3704

Complementary

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



56.8902, 0.2652, 0.2622



88.7453, 0.3580, 0.3879

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.



56.8902, 0.3193, 0.3977



56.8902, 0.2652, 0.2622



56.8902, 0.3870, 0.3855

Square

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



56.8902, 0.2652, 0.2622



56.8902, 0.3788, 0.3224



56.8902, 0.3588, 0.4023



56.8902, 0.2501, 0.3305

Rectangle

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



56.8902, 0.2652, 0.2622



56.8902, 0.3299, 0.2837



56.8902, 0.3588, 0.4023



56.8902, 0.2922, 0.3816

Sweetspot

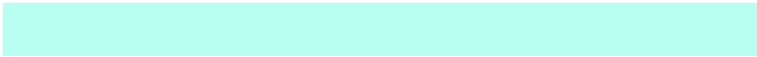
The Sweet Spot groups the original color and five complimentary colors.



56.8924, 0.2652, 0.2622



86.0065, 0.3003, 0.3120



88.0990, 0.2785, 0.3430



17.8776, 0.2979, 0.3086



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.



56.8924, 0.2652, 0.2622



50.6349, 0.2553, 0.2476



54.6523, 0.2795, 0.2515



17.8776, 0.2979, 0.3086



4.8366, 0.1541, 0.0748



0.6034, 0.1591, 0.0926

Inverse Universe

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



59.4940, 0.3635, 0.3166



53.8396, 0.3767, 0.3142



92.2038, 0.3398, 0.4026



18.0375, 0.3267, 0.3250



11.2162, 0.6153, 0.3163



1.1055, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 56.8902, 0.2652, 0.2622 looks on a white background.

Color Contrast Check

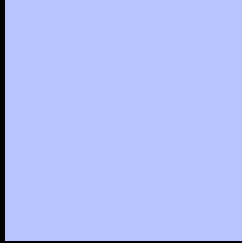
Large Text (above 18pt) WCAG AA × Fail

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 56.8902, 0.2652, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

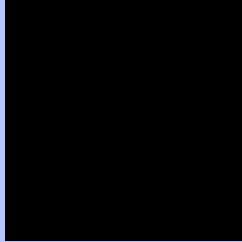
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8902, 0.2652, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 56.8902, 0.2652, 0.2622.



This preview shows how white text looks on a background with the Yxy color 56.8902, 0.2652, 0.2622.

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

56.8902, 0.2652, 0.2622

Protanopia

56.7671, 0.2646, 0.2620

Deuteranopia

56.9416, 0.2677, 0.2615



Tritanopia

57.0565, 0.2823, 0.3094

Trichromacy



Original Color

56.8902, 0.2652, 0.2622

Protanomaly

56.7671, 0.2646, 0.2620

Deuteranomaly

56.8150, 0.2671, 0.2614

Tritanomaly

56.7185, 0.2760, 0.2909

Monochromacy



Original Color

56.8902, 0.2652, 0.2622

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9720, 0.2949, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8902, 0.2652, 0.2622 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(184, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 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(184, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.8902, 0.2652, 0.2622 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(184, 196, 255) }
```

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

```
.border{ border-color:rgb(184, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8902, 0.2652, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 255) }
```

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

```
.background{ background-color: rgb(184,  
196, 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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