

Converting Colors

$Yxy(62.8860, 0.2287, 0.1917)$

Have a look what the booklet for
Yxy(62.8860, 0.2287, 0.1917)
contains.

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Color

Yxy(56.3071, 0.2688, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BEC1FF</code>
RGB	190, 193, 255
RGB Percent	75%, 76%, 100%
CMY	0.2551, 0.2431, 0.0000
CMYK	0.26, 0.24, 0.00, 0.00
HSL	237°, 100%, 87%
HSV	237°, 26%, 100%
XYZ	58.3475, 56.3071, 102.4121
YIQ	199.1710, -21.6900, 18.6460

Conversions

Conversions Part 2

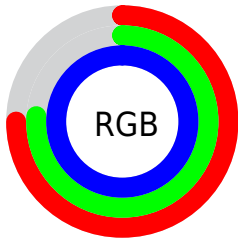
Format	Color
RYB	190, 193, 255
Decimal	12501503
CIELab	79.79, 12.06, -30.80
CIELCh	80, 33.082, 291.385
Yxy	56.3071, 0.2688, 0.2594
Android (android.graphics.Color)	4290691583 (0xFFBEC1FF)
YUV	199.1710, 27.5237, -8.0430
Hunter-Lab	75.0381, 7.4801, -28.3925

Details

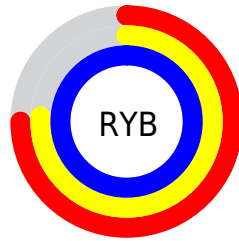
The Yxy color $56.3071, 0.2688, 0.2594$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.5561, 0.3521, 0.3902$, and the grayscale version is $57.0583, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7455, 0.3080, 0.3232$, and $27.9843, 0.2575, 0.2437$ is the 20% darker color. If you saturate the color by 10%, you get $43.4319, 0.2485, 0.2268$, and if you desaturate by 10%, it is $71.5242, 0.2875, 0.2892$.

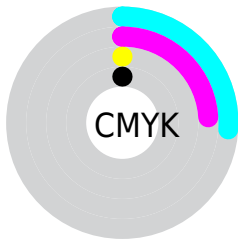
Distribution



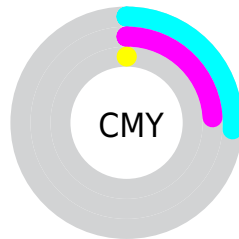
- Red (75%)
- Green (76%)
- Blue (100%)



- Red (75%)
- 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 56.3071, 0.2688, 0.2594 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 56.3071, 0.2688, 0.2594 by changing the saturation by 10% instead.

■ 56.3071, 0.2688,
0.2594

■ 56.3071, 0.2688,
0.2594

■ 410.8478, 0.2900,
0.2917

■ 40.4492, 0.2638,
0.2521

■ 99.4534, 0.2763,
0.2706

■ 27.8890, 0.2576,
0.2430

■ 127.5107, 0.2792,
0.2749

■ 18.2420, 0.2496,
0.2317

■ 160.4032, 0.2816,
0.2787

■ 11.1238, 0.2390,
0.2171

■ 198.5152, 0.2837,
0.2820

■ 6.1502, 0.2244,
0.1976

■ 242.2314, 0.2856,
0.2848

■ 2.9366, 0.2033,
0.1706

■ 291.9359, 0.2872,

■ 1.0987, 0.1709,

0.2874

0.1320

348.0133, 0.2887,
0.2897

0.0000, 0.0929,
0.0000

0.0000, 0.0000,
0.0000

56.3071, 0.2688,
0.2594

56.3071, 0.2688,
0.2594

43.4319, 0.2485,
0.2268

71.5242, 0.2875,
0.2892

32.7787, 0.2273,
0.1924

89.1874, 0.3043,
0.3158

24.2228, 0.2062,
0.1578

100.0000, 0.3127,
0.3290

17.6257, 0.1868,
0.1255

■ 12.8321, 0.1705,
0.0979

■ 9.6634, 0.1588,
0.0774

■ 7.9041, 0.1522,
0.0650

■ 7.4832, 0.1506,
0.0620

Harmonies

Analogous

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



56.3071, 0.2419, 0.2639



56.3071, 0.2688, 0.2594



56.3071, 0.3090, 0.2709

Triad

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



56.3071, 0.2688, 0.2594



56.3071, 0.3996, 0.3631



56.3071, 0.2712, 0.3655

Complementary

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



56.3071, 0.2688, 0.2594



94.5561, 0.3521, 0.3902

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.



56.3071, 0.3116, 0.3980



56.3071, 0.2688, 0.2594



56.3071, 0.3868, 0.3927

Square

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



56.3071, 0.2688, 0.2594



56.3071, 0.3871, 0.3282



56.3071, 0.3541, 0.4072



56.3071, 0.2431, 0.3227

Rectangle

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



56.3071, 0.2688, 0.2594



56.3071, 0.3387, 0.2861



56.3071, 0.3541, 0.4072



56.3071, 0.2838, 0.3784

Sweetspot

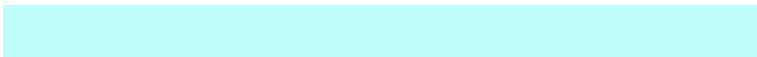
The Sweet Spot groups the original color and five complimentary colors.



56.3084, 0.2688, 0.2594



84.5526, 0.3003, 0.3095



89.4733, 0.2768, 0.3323



17.5149, 0.2978, 0.3056



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.



56.3084, 0.2688, 0.2594



48.9553, 0.2578, 0.2418



59.1212, 0.2891, 0.2600



17.5149, 0.2978, 0.3056



3.9682, 0.1508, 0.0628



0.4325, 0.1526, 0.0694

Inverse Universe

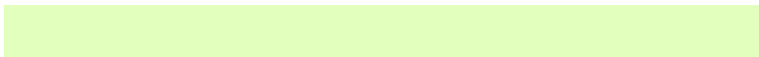
The Inverse Universe completely reimagines the original color for something new.



61.9174, 0.3647, 0.3260



55.5731, 0.3802, 0.3253



91.3606, 0.3319, 0.3972



18.0009, 0.3287, 0.3279



11.1286, 0.6353, 0.3274



1.0882, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 56.3071, 0.2688, 0.2594 looks on a white background.

Color Contrast Check

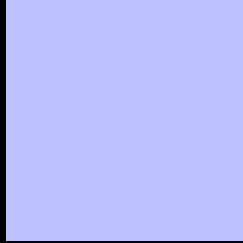
Large Text (above 18pt) WCAG AA × Fail

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 56.3071, 0.2688, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

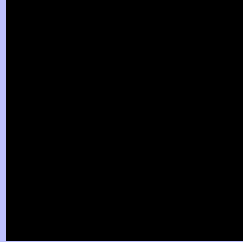
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3071, 0.2688, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 56.3071, 0.2688, 0.2594.

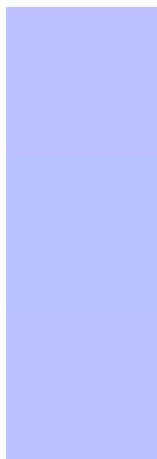


This preview shows how white text looks on a background with the Yxy color 56.3071, 0.2688, 0.2594.

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

56.3071, 0.2688, 0.2594

Protanopia

56.1953, 0.2638, 0.2608

Deuteranopia

56.2427, 0.2663, 0.2601



Tritanopia

56.2115, 0.2882, 0.3095

Trichromacy



Original Color

56.3071, 0.2688, 0.2594

Protanomaly

56.1179, 0.2656, 0.2599

Deuteranomaly

56.3684, 0.2670, 0.2602

Tritanomaly

55.9600, 0.2811, 0.2899

Monochromacy



Original Color

56.3071, 0.2688, 0.2594

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7827, 0.2963, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3071, 0.2688, 0.2594 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(190, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 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(190, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.3071, 0.2688, 0.2594 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(190, 193, 255) }
```

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

```
.border{ border-color:rgb(190, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3071, 0.2688, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 255) }
```

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

```
.background{ background-color: rgb(190,  
193, 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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