

Converting Colors

Yxy(56.6926, 0.2824, 0.2912)

Have a look what the booklet for
Yxy(56.6926, 0.2824, 0.2912)
contains.

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Color

Yxy(56.6661, 0.2826, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6E6
RGB	187, 198, 230
RGB Percent	73%, 78%, 90%
CMY	0.2665, 0.2235, 0.0981
CMYK	0.19, 0.14, 0.00, 0.10
HSL	225°, 46%, 82%
HSV	225°, 19%, 90%
XYZ	54.9737, 56.6661, 82.8885
YIQ	198.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

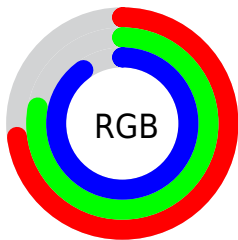
Format	Color
R_{YB}	187, 196, 230
Decimal	12306150
CIE _{Lab}	79.99, 2.83, -17.11
CIE _{LCh}	80, 17.348, 279.402
Yxy	56.6661, 0.2826, 0.2913
Android (android.graphics.Color)	4290496230 (0xFFBBC6E6)
YUV	198.3590, 15.5990, -9.9618
Hunter-Lab	75.2769, -1.3784, -12.5913

Details

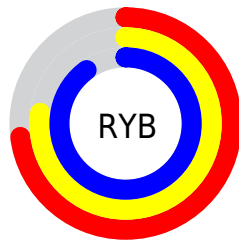
The Yxy color **56.6661, 0.2826, 0.2913** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.0802, 0.3428, 0.3641**, and the grayscale version is **56.6162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **27.9891, 0.2748, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **46.6041, 0.2647, 0.2677**, and if you desaturate by 10%, it is **68.0825, 0.2993, 0.3125**.

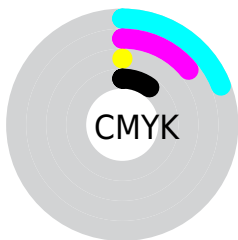
Distribution



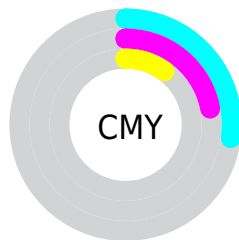
- Red (73%)
- Green (78%)
- Blue (90%)



- Red (73%)
- Yellow (77%)
- Blue (90%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6661, 0.2826, 0.2913 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 56.6661, 0.2826, 0.2913 by changing the saturation by 10% instead.

■ 56.6661, 0.2826,
0.2913

■ 56.6661, 0.2826,
0.2913

412.1970, 0.2971,
0.3093

■ 40.7372, 0.2792,
0.2871

■ 99.9778, 0.2877,
0.2976

■ 28.1138, 0.2748,
0.2818

128.1295, 0.2897,
0.3001

■ 18.4115, 0.2692,
0.2750

161.1241, 0.2914,
0.3022

■ 11.2458, 0.2617,
0.2659

199.3462, 0.2928,
0.3040

■ 6.2324, 0.2512,
0.2532

243.1802, 0.2941,
0.3056

■ 2.9869, 0.2353,
0.2345

293.0104, 0.2952,

■ 1.1249, 0.2092,

0.3069

0.2042

349.2212, 0.2962,
0.3082

0.0000, 0.0532,
0.0000

0.0000, 0.0000,
0.0000

56.6661, 0.2826,
0.2913

56.6661, 0.2826,
0.2913

46.6041, 0.2647,
0.2677

68.0825, 0.2993,
0.3125

37.8382, 0.2461,
0.2418

80.8949, 0.3147,
0.3314

30.3158, 0.2272,
0.2143

94.9565, 0.3280,
0.3479

23.9782, 0.2087,
0.1859

98.4921, 0.3274,
0.3532

■ 18.7612, 0.1918,
0.1579

■ 14.5943, 0.1773,
0.1316

■ 11.3976, 0.1661,
0.1086

■ 9.0682, 0.1586,
0.0900

■ 8.8114, 0.1577,
0.0878

Harmonies

Analogous

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



56.6661, 0.2713, 0.2984



56.6661, 0.2826, 0.2913



56.6661, 0.3021, 0.2938

Triad

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



56.6661, 0.2826, 0.2913



56.6661, 0.3568, 0.3411



56.6661, 0.2994, 0.3552

Complementary

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



56.6661, 0.2826, 0.2913



71.0802, 0.3428, 0.3641

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.



56.6661, 0.3221, 0.3674



56.6661, 0.2826, 0.2913



56.6661, 0.3557, 0.3582

Square

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



56.6661, 0.2826, 0.2913



56.6661, 0.3454, 0.3218



56.6661, 0.3428, 0.3682



56.6661, 0.2807, 0.3352

Rectangle

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



56.6661, 0.2826, 0.2913



56.6661, 0.3175, 0.3003



56.6661, 0.3428, 0.3682



56.6661, 0.3068, 0.3604

Sweetspot

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



56.6684, 0.2826, 0.2913



90.1576, 0.3035, 0.3177



72.2418, 0.2913, 0.3421



19.0765, 0.3025, 0.3165



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.



56.6684, 0.2826, 0.2913



67.0497, 0.2766, 0.2834



53.1440, 0.2893, 0.2791



14.4823, 0.2981, 0.3110



5.1555, 0.1584, 0.0903



0.5274, 0.1662, 0.1182

Inverse Universe

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



56.4514, 0.3401, 0.3168



66.8763, 0.3464, 0.3144



75.3819, 0.3335, 0.3765



14.4281, 0.3252, 0.3230



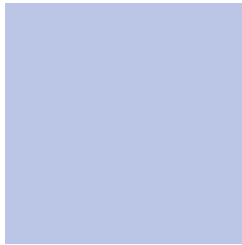
9.7182, 0.5907, 0.3028



0.7329, 0.5493, 0.2799

Previews

White Background



This preview shows how the Yxy color 56.6661, 0.2826, 0.2913 looks on a white background.

Color Contrast Check

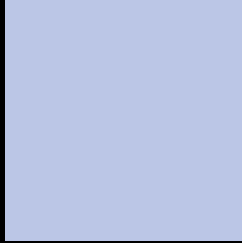
Large Text (above 18pt) WCAG AA × Fail

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 56.6661, 0.2826, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

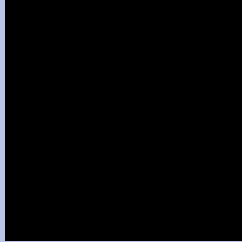
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6661, 0.2826, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 56.6661, 0.2826, 0.2913.



This preview shows how white text looks on a background with the Yxy color 56.6661, 0.2826, 0.2913.

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

56.6661, 0.2826, 0.2913

Protanopia

56.7961, 0.2867, 0.2916

Deuteranopia

56.4660, 0.2925, 0.2855



Tritanopia

56.4568, 0.2896, 0.3096

Trichromacy



Original Color

56.6661, 0.2826, 0.2913

Protanomaly

56.5368, 0.2853, 0.2914

Deuteranomaly

56.6701, 0.2889, 0.2874

Tritanomaly

56.3816, 0.2870, 0.3026

Monochromacy



Original Color

56.6661, 0.2826, 0.2913

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5106, 0.3011, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6661, 0.2826, 0.2913 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(187, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 230)  
}
```

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(187, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.6661, 0.2826, 0.2913 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(187, 198, 230) }
```

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

```
.border{ border-color:rgb(187, 198, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 198, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 198, 230); box-shadow:4px 4px 4px 4px rgb(187, 198, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6661, 0.2826, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 230) }
```

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

```
.background{ background-color: rgb(187,  
198, 230) }
```

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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