

Converting Colors

Yxy(56.2926, 0.2821, 0.2870)

Have a look what the booklet for
Yxy(56.2926, 0.2821, 0.2870)
contains.

Yxy(56.1249, 0.2826, 0.2868)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.1249, 0.2826, 0.2868)

Conversions

Conversions Part 1

Format	Color
Hex	BDC4E8
RGB	189, 196, 232
RGB Percent	74%, 77%, 91%
CMY	0.2586, 0.2314, 0.0902
CMYK	0.19, 0.16, 0.00, 0.09
HSL	230°, 48%, 83%
HSV	230°, 19%, 91%
XYZ	55.3030, 56.1249, 84.2656
YIQ	198.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

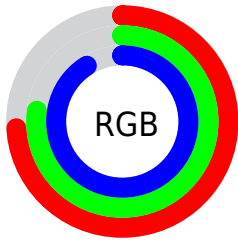
Format	Color
R _Y B	189, 195, 232
Decimal	12436712
CIE Lab	79.68, 4.99, -18.65
CIE LCh	80, 19.304, 284.967
Yxy	56.1249, 0.2826, 0.2868
Android (android.graphics.Color)	4290626792 (0xFFBDC4E8)
YUV	198.0110, 16.7566, -7.9026
Hunter-Lab	74.9166, 0.6637, -14.2474

Details

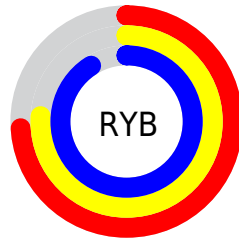
The Yxy color **56.1249, 0.2826, 0.2868** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7269, 0.3418, 0.3680**, and the grayscale version is **56.3889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0634, 0.3072, 0.3271**, and **27.6315, 0.2748, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **45.1767, 0.2642, 0.2601**, and if you desaturate by 10%, it is **68.6908, 0.2996, 0.3108**.

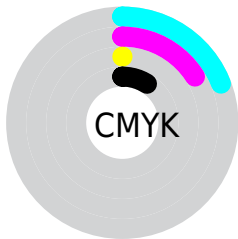
Distribution



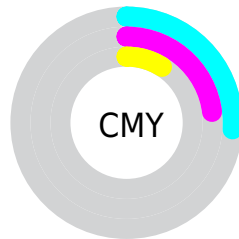
- Red (74%)
- Green (77%)
- Blue (91%)



- Red (74%)
- Yellow (76%)
- Blue (91%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1249, 0.2826, 0.2868 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 56.1249, 0.2826, 0.2868 by changing the saturation by 10% instead.

■ 56.1249, 0.2826,
0.2868

■ 56.1249, 0.2826,
0.2868

410.1620, 0.2972,
0.3069

■ 40.3031, 0.2791,
0.2821

■ 99.1872, 0.2878,
0.2939

■ 27.7749, 0.2748,
0.2762

127.1964, 0.2897,
0.2966

■ 18.1561, 0.2691,
0.2687

160.0369, 0.2914,
0.2989

■ 11.0621, 0.2615,
0.2587

198.0930, 0.2929,
0.3009

■ 6.1086, 0.2508,
0.2448

241.7492, 0.2942,
0.3027

■ 2.9112, 0.2348,
0.2245

291.3899, 0.2953,

■ 1.0856, 0.2082,

0.3042

0.1919

347.3993, 0.2963,
0.3056

0.0000, 0.0638,
0.0000

0.0000, 0.0000,
0.0000

56.1249, 0.2826,
0.2868

56.1249, 0.2826,
0.2868

45.1767, 0.2642,
0.2601

68.6908, 0.2996,
0.3108

35.7734, 0.2446,
0.2309

82.9295, 0.3149,
0.3320

27.8466, 0.2247,
0.2001

98.2010, 0.3262,
0.3507

21.3201, 0.2051,
0.1688

98.6065, 0.3262,
0.3513

■ 16.1110, 0.1872,
0.1387

■ 12.1269, 0.1722,
0.1117

■ 9.2632, 0.1611,
0.0898

■ 7.3879, 0.1542,
0.0741

■ 7.1758, 0.1534,
0.0722

Harmonies

Analogous

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



56.1249, 0.2681, 0.2926



56.1249, 0.2826, 0.2868



56.1249, 0.3055, 0.2915

Triad

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



56.1249, 0.2826, 0.2868



56.1249, 0.3628, 0.3462



56.1249, 0.2934, 0.3546

Complementary

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



56.1249, 0.2826, 0.2868



74.7269, 0.3418, 0.3680

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.



56.1249, 0.3183, 0.3705



56.1249, 0.2826, 0.2868



56.1249, 0.3590, 0.3643

Square

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



56.1249, 0.2826, 0.2868



56.1249, 0.3526, 0.3248



56.1249, 0.3424, 0.3737



56.1249, 0.2741, 0.3314

Rectangle

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



56.1249, 0.2826, 0.2868



56.1249, 0.3228, 0.2998



56.1249, 0.3424, 0.3737



56.1249, 0.3013, 0.3611

Sweetspot

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



56.1272, 0.2826, 0.2868



89.2969, 0.3035, 0.3163



73.9710, 0.2890, 0.3371



18.8737, 0.3025, 0.3149



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.



56.1272, 0.2826, 0.2868



64.4348, 0.2761, 0.2775



54.9973, 0.2928, 0.2800



14.2607, 0.2980, 0.3087



4.1029, 0.1539, 0.0741



0.4176, 0.1604, 0.0975

Inverse Universe

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



57.5631, 0.3431, 0.3214



66.6123, 0.3506, 0.3198



76.2510, 0.3302, 0.3766



14.4057, 0.3267, 0.3252



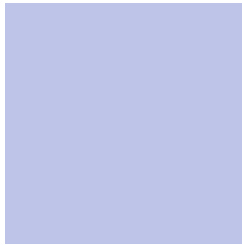
9.6119, 0.6165, 0.3170



0.7218, 0.5796, 0.2966

Previews

White Background



This preview shows how the Yxy color 56.1249, 0.2826, 0.2868 looks on a white background.

Color Contrast Check

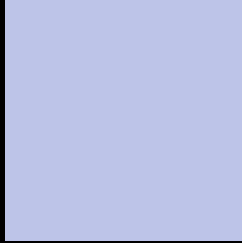
Large Text (above 18pt) WCAG AA × Fail

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 56.1249, 0.2826, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

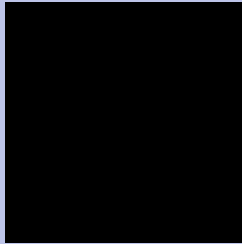
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1249, 0.2826, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 56.1249, 0.2826, 0.2868.



This preview shows how white text looks on a background with the Yxy color 56.1249, 0.2826, 0.2868.

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

56.1249, 0.2826, 0.2868

Protanopia

56.2532, 0.2833, 0.2869

Deuteranopia

56.1652, 0.2890, 0.2831



Tritanopia

56.1922, 0.2917, 0.3096

Trichromacy



Original Color

56.1249, 0.2826, 0.2868

Protanomaly

56.2532, 0.2833, 0.2869

Deuteranomaly

56.0689, 0.2861, 0.2839

Tritanomaly

56.1734, 0.2884, 0.3015

Monochromacy



Original Color

56.1249, 0.2826, 0.2868

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1878, 0.3018, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1249, 0.2826, 0.2868 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, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 232)  
}
```

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, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.1249, 0.2826, 0.2868 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, 196, 232) }
```

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

```
.border{ border-color:rgb(189, 196, 232) }
```

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

Here you see how a box with a 4 pixel rgb(189, 196, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1249, 0.2826, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 232) }
```

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

```
.background{ background-color: rgb(189,  
196, 232) }
```

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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