

Converting Colors

Yxy(56.7692, 0.2884, 0.2999)

Have a look what the booklet for
Yxy(56.7692, 0.2884, 0.2999)
contains.

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Color

Yxy(56.9934, 0.2886, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	BDC7DF
RGB	189, 199, 223
RGB Percent	74%, 78%, 87%
CMY	0.2587, 0.2196, 0.1255
CMYK	0.15, 0.11, 0.00, 0.13
HSL	222°, 35%, 81%
HSV	222°, 15%, 87%
XYZ	54.7364, 56.9934, 77.9321
YIQ	198.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

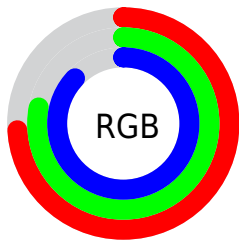
Format	Color
RYB	189, 197, 223
Decimal	12437471
CIELab	80.18, 1.44, -13.08
CIElCh	80, 13.160, 276.276
Yxy	56.9934, 0.2886, 0.3005
Android (android.graphics.Color)	4290627551 (0xFFBDC7DF)
YUV	198.7460, 11.9572, -8.5472
Hunter-Lab	75.4940, -2.6942, -8.3590

Details

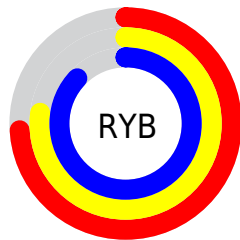
The Yxy color **56.9934, 0.2886, 0.3005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9800, 0.3371, 0.3560**, and the grayscale version is **56.8867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **28.2288, 0.2818, 0.2926** is the 20% darker color. If you saturate the color by 10%, you get **47.4762, 0.2713, 0.2789**, and if you desaturate by 10%, it is **67.7054, 0.3048, 0.3198**.

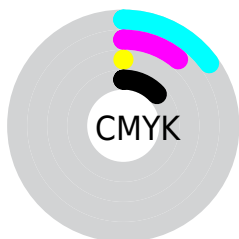
Distribution



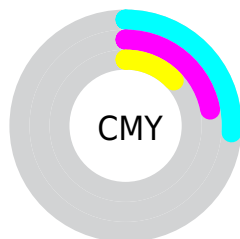
- Red (74%)
- Green (78%)
- Blue (87%)



- Red (74%)
- Yellow (77%)
- Blue (87%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9934, 0.2886, 0.3005 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 56.9934, 0.2886, 0.3005 by changing the saturation by 10% instead.

■ 56.9934, 0.2886,
0.3005

■ 56.9934, 0.2886,
0.3005

413.4246, 0.3002,
0.3142

■ 40.9999, 0.2858,
0.2973

■ 100.4556, 0.2927,
0.3053

■ 28.3190, 0.2824,
0.2932

128.6930, 0.2943,
0.3072

■ 18.5663, 0.2778,
0.2879

161.7807, 0.2956,
0.3088

■ 11.3573, 0.2718,
0.2809

200.1028, 0.2968,
0.3101

■ 6.3077, 0.2632,
0.2710

244.0439, 0.2978,
0.3113

■ 3.0331, 0.2502,
0.2561

293.9883, 0.2987,

■ 1.1490, 0.2283,

0.3124

0.2313

350.3204, 0.2995,
0.3133

0.0195, 0.0532,
0.0193

0.0000, 0.0000,
0.0000

56.9934, 0.2886,
0.3005

56.9934, 0.2886,
0.3005

47.4762, 0.2713,
0.2789

67.7054, 0.3048,
0.3198

39.1041, 0.2532,
0.2552

79.6457, 0.3197,
0.3369

31.8339, 0.2348,
0.2296

92.6761, 0.3326,
0.3519

25.6171, 0.2166,
0.2028

98.1081, 0.3315,
0.3601

■ 20.4012, 0.1995,
0.1757

■ 16.1284, 0.1844,
0.1495

■ 12.7345, 0.1722,
0.1254

■ 10.1447, 0.1633,
0.1047

■ 9.1493, 0.1601,
0.0961

Harmonies

Analogous

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



56.9934, 0.2807, 0.3069



56.9934, 0.2886, 0.3005



56.9934, 0.3030, 0.3015

Triad

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



56.9934, 0.2886, 0.3005



56.9934, 0.3455, 0.3369



56.9934, 0.3044, 0.3499

Complementary

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



56.9934, 0.2886, 0.3005



66.9800, 0.3371, 0.3560

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.



56.9934, 0.3217, 0.3583



56.9934, 0.2886, 0.3005



56.9934, 0.3458, 0.3502

Square

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



56.9934, 0.2886, 0.3005



56.9934, 0.3361, 0.3222



56.9934, 0.3369, 0.3582



56.9934, 0.2896, 0.3355

Rectangle

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



56.9934, 0.2886, 0.3005



56.9934, 0.3146, 0.3061



56.9934, 0.3369, 0.3582



56.9934, 0.3101, 0.3536

Sweetspot

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



56.9958, 0.2886, 0.3005



92.0448, 0.3051, 0.3202



68.3978, 0.2959, 0.3408



19.4694, 0.3040, 0.3189



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.



56.9958, 0.2886, 0.3005



73.3257, 0.2837, 0.2945



53.4535, 0.2933, 0.2890



13.8945, 0.2981, 0.3119



5.5497, 0.1608, 0.0987



0.5366, 0.1693, 0.1293

Inverse Universe

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



56.2243, 0.3331, 0.3177



72.2135, 0.3378, 0.3155



71.0865, 0.3304, 0.3673



13.7663, 0.3246, 0.3222



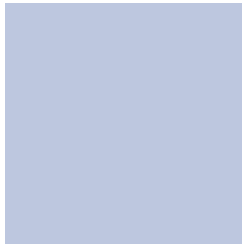
9.4683, 0.5778, 0.2957



0.6716, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 56.9934, 0.2886, 0.3005 looks on a white background.

Color Contrast Check

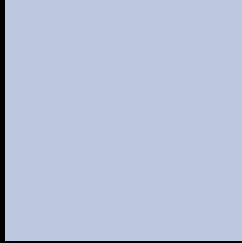
Large Text (above 18pt) WCAG AA × Fail

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 56.9934, 0.2886, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

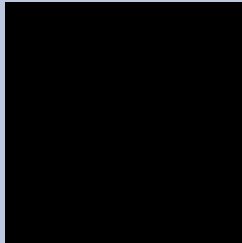
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9934, 0.2886, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 56.9934, 0.2886, 0.3005.



This preview shows how white text looks on a background with the Yxy color 56.9934, 0.2886, 0.3005.

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

56.9934, 0.2886, 0.3005

Protanopia

56.8085, 0.2935, 0.2996

Deuteranopia

56.6436, 0.3004, 0.2935



Tritanopia

56.9578, 0.2925, 0.3098

Trichromacy



Original Color

56.9934, 0.2886, 0.3005

Protanomaly

56.9995, 0.2921, 0.3007

Deuteranomaly

56.6914, 0.2959, 0.2953

Tritanomaly

57.1144, 0.2905, 0.3063

Monochromacy



Original Color

56.9934, 0.2886, 0.3005

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0030, 0.3032, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9934, 0.2886, 0.3005 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, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 223)  
}
```

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, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 223) }
```

Border

The CSS property to change the border of an element to Yxy 56.9934, 0.2886, 0.3005 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, 199, 223) }
```

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

```
.border{ border-color:rgb(189, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9934, 0.2886, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 223) }
```

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

```
.background{ background-color: rgb(189,  
199, 223) }
```

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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