

Converting Colors

$Yxy(56.7203, 0.2777, 0.2905)$

Have a look what the booklet for
Yxy(56.7203, 0.2777, 0.2905)
contains.

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Color

Yxy(56.4968, 0.2772, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	B5C7E8
RGB	181, 199, 232
RGB Percent	71%, 78%, 91%
CMY	0.2903, 0.2196, 0.0901
CMYK	0.22, 0.14, 0.00, 0.09
HSL	219°, 53%, 81%
HSV	219°, 22%, 91%
XYZ	54.0404, 56.4968, 84.4138
YIQ	197.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

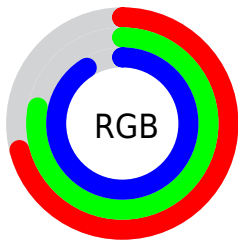
Format	Color
R_{YB}	181, 194, 232
Decimal	11913192
CIE Lab	79.90, 0.88, -18.39
CIE LCh	80, 18.414, 272.725
Yxy	56.4968, 0.2772, 0.2898
Android (android.graphics.Color)	4290103272 (0xFFB5C7E8)
YUV	197.3800, 17.0677, -14.3653
Hunter-Lab	75.1644, -3.2027, -13.9709

Details

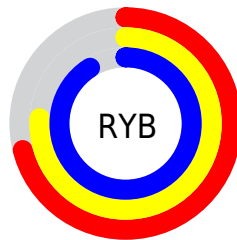
The Yxy color **56.4968, 0.2772, 0.2898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.5727, 0.3498, 0.3653**, and the grayscale version is **55.9793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **27.8974, 0.2680, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **47.3581, 0.2597, 0.2688**, and if you desaturate by 10%, it is **66.7875, 0.2939, 0.3088**.

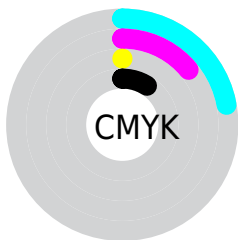
Distribution



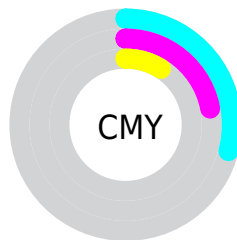
- Red (71%)
- Green (78%)
- Blue (91%)



- Red (71%)
- Yellow (76%)
- Blue (91%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4968, 0.2772, 0.2898 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 56.4968, 0.2772, 0.2898 by changing the saturation by 10% instead.

■ 56.4968, 0.2772,
0.2898

■ 56.4968, 0.2772,
0.2898

411.5611, 0.2942,
0.3086

■ 40.6014, 0.2732,
0.2854

■ 99.7306, 0.2832,
0.2964

■ 28.0077, 0.2681,
0.2798

127.8377, 0.2855,
0.2990

■ 18.3315, 0.2616,
0.2727

160.7842, 0.2875,
0.3011

■ 11.1882, 0.2529,
0.2632

198.9545, 0.2892,
0.3030

■ 6.1936, 0.2407,
0.2499

242.7329, 0.2907,
0.3047

■ 2.9632, 0.2226,
0.2302

292.5039, 0.2920,

■ 1.1125, 0.1931,

0.3061

0.1985

348.6518, 0.2932,
0.3074

0.0000, 0.0079,
0.0000

0.0000, 0.0000,
0.0000

56.4968, 0.2772,
0.2898

56.4968, 0.2772,
0.2898

47.3581, 0.2597,
0.2688

66.7875, 0.2939,
0.3088

39.3219, 0.2419,
0.2459

78.2637, 0.3097,
0.3258

32.3449, 0.2242,
0.2216

90.9659, 0.3243,
0.3409

26.3780, 0.2075,
0.1966

98.6073, 0.3262,
0.3512

■ 21.3674, 0.1923,
0.1716

■ 17.2537, 0.1796,
0.1477

■ 13.9684, 0.1699,
0.1260

■ 11.8642, 0.1641,
0.1107

Harmonies

Analogous

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



56.4968, 0.2676, 0.2995



56.4968, 0.2772, 0.2898



56.4968, 0.2963, 0.2903

Triad

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



56.4968, 0.2772, 0.2898



56.4968, 0.3580, 0.3373



56.4968, 0.3037, 0.3607

Complementary

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



56.4968, 0.2772, 0.2898



68.5727, 0.3498, 0.3653

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.



56.4968, 0.3279, 0.3712



56.4968, 0.2772, 0.2898



56.4968, 0.3599, 0.3563

Square

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



56.4968, 0.2772, 0.2898



56.4968, 0.3433, 0.3170



56.4968, 0.3487, 0.3692



56.4968, 0.2825, 0.3407

Rectangle

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



56.4968, 0.2772, 0.2898



56.4968, 0.3122, 0.2959



56.4968, 0.3487, 0.3692



56.4968, 0.3117, 0.3655

Sweetspot

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



56.4991, 0.2772, 0.2898



89.6271, 0.3019, 0.3175



72.3627, 0.2907, 0.3508



18.9999, 0.3009, 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.



56.4991, 0.2772, 0.2898



65.1556, 0.2701, 0.2813



49.5232, 0.2806, 0.2684



14.7165, 0.2981, 0.3134



6.8003, 0.1649, 0.1136



0.6725, 0.1730, 0.1429

Inverse Universe

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



54.3165, 0.3420, 0.3090



62.2866, 0.3490, 0.3050



77.1002, 0.3409, 0.3847



14.4517, 0.3237, 0.3207



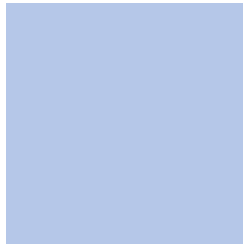
9.8842, 0.5557, 0.2835



0.7476, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 56.4968, 0.2772, 0.2898 looks on a white background.

Color Contrast Check

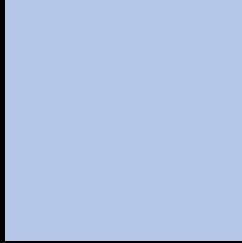
Large Text (above 18pt) WCAG AA × Fail

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 56.4968, 0.2772, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

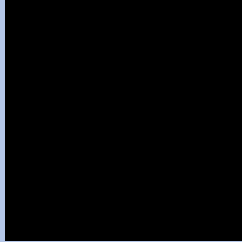
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4968, 0.2772, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 56.4968, 0.2772, 0.2898.



This preview shows how white text looks on a background with the Yxy color 56.4968, 0.2772, 0.2898.

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

56.4968, 0.2772, 0.2898

Protanopia

56.2694, 0.2853, 0.2892

Deuteranopia

56.3025, 0.2897, 0.2832



Tritanopia

56.3002, 0.2841, 0.3082

Trichromacy



Original Color

56.4968, 0.2772, 0.2898

Protanomaly

56.2668, 0.2819, 0.2890

Deuteranomaly

56.2509, 0.2847, 0.2849

Tritanomaly

56.2200, 0.2816, 0.3012

Monochromacy



Original Color

56.4968, 0.2772, 0.2898

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1177, 0.2988, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4968, 0.2772, 0.2898 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(181, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 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(181, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.4968, 0.2772, 0.2898 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(181, 199, 232) }
```

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

```
.border{ border-color:rgb(181, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4968, 0.2772, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 232) }
```

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

```
.background{ background-color: rgb(181,  
199, 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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