

Converting Colors

Yxy(56.9324, 0.2763, 0.2909)

Have a look what the booklet for
Yxy(56.9324, 0.2763, 0.2909)
contains.

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Color

Yxy(56.8380, 0.2766, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	B4C8E8
RGB	180, 200, 232
RGB Percent	71%, 78%, 91%
CMY	0.2944, 0.2156, 0.0902
CMYK	0.22, 0.14, 0.00, 0.09
HSL	217°, 53%, 81%
HSV	217°, 22%, 91%
XYZ	54.0254, 56.8380, 84.4562
YIQ	197.6680, -22.1920, 5.7120

Conversions

Conversions Part 2

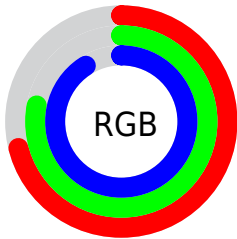
Format	Color
R _Y B	180, 194, 232
Decimal	11847912
CIE Lab	80.09, 0.01, -18.09
CIE LCh	80, 18.092, 270.021
Yxy	56.8380, 0.2766, 0.2910
Android (android.graphics.Color)	4290037992 (0xFFB4C8E8)
YUV	197.6680, 16.9257, -15.4948
Hunter-Lab	75.3910, -4.0206, -13.6455

Details

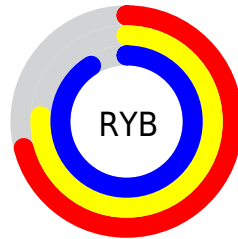
The Yxy color **56.8380, 0.2766, 0.2910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.4691, 0.3510, 0.3643**, and the grayscale version is **56.1584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **28.1280, 0.2673, 0.2814** is the 20% darker color. If you saturate the color by 10%, you get **47.9947, 0.2593, 0.2710**, and if you desaturate by 10%, it is **66.7660, 0.2932, 0.3091**.

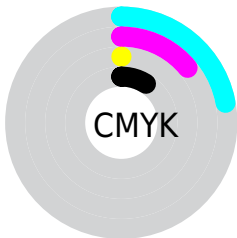
Distribution



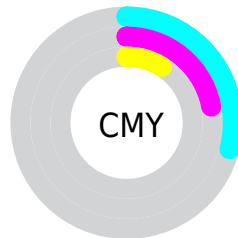
- Red (71%)
- Green (78%)
- Blue (91%)



- 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 56.8380, 0.2766, 0.2910 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 56.8380, 0.2766, 0.2910 by changing the saturation by 10% instead.

■ 56.8380, 0.2766,
0.2910

■ 56.8380, 0.2766,
0.2910

412.8420, 0.2939,
0.3092

■ 40.8752, 0.2725,
0.2867

■ 100.2288, 0.2827,
0.2974

■ 28.2216, 0.2674,
0.2813

128.4255, 0.2851,
0.2999

■ 18.4928, 0.2608,
0.2744

161.4690, 0.2871,
0.3020

■ 11.3043, 0.2520,
0.2651

199.7437, 0.2888,
0.3038

■ 6.2719, 0.2397,
0.2522

243.6340, 0.2903,
0.3054

■ 3.0111, 0.2215,
0.2330

293.5242, 0.2917,

■ 1.1375, 0.1919,

0.3068

0.2019

349.7987, 0.2928,
0.3081

0.0098, 0.0071,
0.0074

0.0000, 0.0000,
0.0000

56.8380, 0.2766,
0.2910

56.8380, 0.2766,
0.2910

47.9947, 0.2593,
0.2710

66.7660, 0.2932,
0.3091

40.1893, 0.2418,
0.2493

77.8095, 0.3090,
0.3253

33.3815, 0.2246,
0.2262

90.0063, 0.3237,
0.3397

27.5254, 0.2084,
0.2024

98.6054, 0.3262,
0.3513

■ 22.5709, 0.1937,
0.1785

■ 18.4618, 0.1815,
0.1554

■ 15.1336, 0.1720,
0.1342

■ 13.0716, 0.1666,
0.1198

Harmonies

Analogous

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



56.8380, 0.2681, 0.3014



56.8380, 0.2766, 0.2910



56.8380, 0.2946, 0.2905

Triad

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



56.8380, 0.2766, 0.2910



56.8380, 0.3562, 0.3353



56.8380, 0.3060, 0.3614

Complementary

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



56.8380, 0.2766, 0.2910



67.4691, 0.3510, 0.3643

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.



56.8380, 0.3297, 0.3707



56.8380, 0.2766, 0.2910



56.8380, 0.3593, 0.3543

Square

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



56.8380, 0.2766, 0.2910



56.8380, 0.3409, 0.3155



56.8380, 0.3494, 0.3676



56.8380, 0.2847, 0.3424

Rectangle

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



56.8380, 0.2766, 0.2910



56.8380, 0.3101, 0.2955



56.8380, 0.3494, 0.3676



56.8380, 0.3139, 0.3658

Sweetspot

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



56.8403, 0.2766, 0.2910



89.9786, 0.3019, 0.3181



72.1098, 0.2913, 0.3534



19.0812, 0.3009, 0.3171



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.



56.8403, 0.2766, 0.2910



65.1377, 0.2686, 0.2818



48.7634, 0.2786, 0.2669



14.7954, 0.2981, 0.3142



7.4842, 0.1674, 0.1227



0.7288, 0.1755, 0.1518

Inverse Universe

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



53.9334, 0.3412, 0.3067



61.2322, 0.3490, 0.3018



77.2924, 0.3427, 0.3857



14.4597, 0.3232, 0.3200



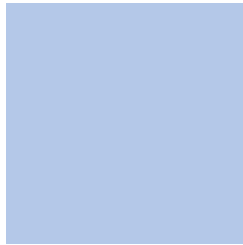
9.9533, 0.5428, 0.2764



0.7532, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 56.8380, 0.2766, 0.2910 looks on a white background.

Color Contrast Check

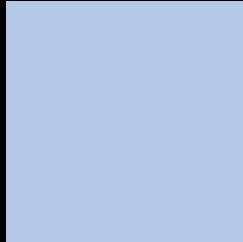
Large Text (above 18pt) WCAG AA × Fail

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 56.8380, 0.2766, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

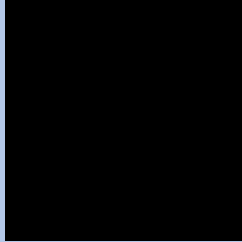
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

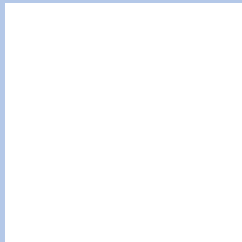
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8380, 0.2766, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 56.8380, 0.2766, 0.2910.



This preview shows how white text looks on a background with the Yxy color 56.8380, 0.2766, 0.2910.

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

56.8380, 0.2766, 0.2910

Protanopia

56.8521, 0.2861, 0.2905

Deuteranopia

56.8843, 0.2905, 0.2844



Tritanopia

56.6501, 0.2835, 0.3094

Trichromacy



Original Color

56.8380, 0.2766, 0.2910

Protanomaly

56.8491, 0.2826, 0.2902

Deuteranomaly

56.7005, 0.2848, 0.2861

Tritanomaly

56.5660, 0.2810, 0.3023

Monochromacy



Original Color

56.8380, 0.2766, 0.2910

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5764, 0.2988, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8380, 0.2766, 0.2910 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(180, 200, 232)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 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(180, 200, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.8380, 0.2766, 0.2910 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(180, 200, 232) }
```

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

```
.border{ border-color:rgb(180, 200, 232) }
```

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

Here you see how a box with a 4 pixel rgb(180, 200, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 232);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8380, 0.2766, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 232) }
```

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

```
.background{ background-color: rgb(180,  
200, 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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