

Converting Colors

Yxy(56.9589, 0.2765, 0.3087)

Have a look what the booklet for
Yxy(56.9589, 0.2765, 0.3087)
contains.

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Color

Yxy(56.8412, 0.2764, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	A9CCDD
RGB	169, 204, 221
RGB Percent	66%, 80%, 87%
CMY	0.3372, 0.2000, 0.1333
CMYK	0.24, 0.08, 0.00, 0.13
HSL	200°, 43%, 76%
HSV	200°, 24%, 87%
XYZ	51.0094, 56.8412, 76.6987
YIQ	195.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

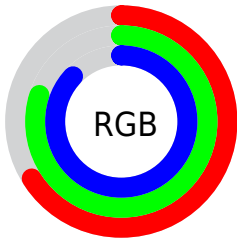
Format	Color
RYB	169, 190, 221
Decimal	11128029
CIELab	80.09, -7.86, -12.28
CIElCh	80, 14.579, 237.391
Yxy	56.8412, 0.2764, 0.3080
Android (android.graphics.Color)	4289318109 (0xFFA9CCDD)
YUV	195.4730, 12.5848, -23.2168
Hunter-Lab	75.3931, -11.1685, -7.5416

Details

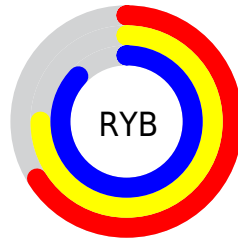
The Yxy color **56.8412, 0.2764, 0.3080** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3694, 0.3568, 0.3491**, and the grayscale version is **54.8082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.2789, 0.2673, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **51.2436, 0.2613, 0.2976**, and if you desaturate by 10%, it is **63.0162, 0.2918, 0.3175**.

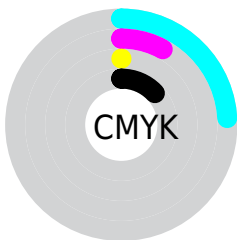
Distribution



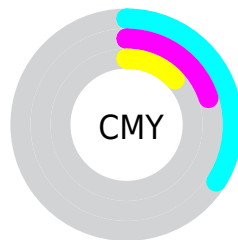
- Red (66%)
- Green (80%)
- Blue (87%)



- Red (66%)
- Yellow (75%)
- Blue (87%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8412, 0.2764, 0.3080 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 56.8412, 0.2764, 0.3080 by changing the saturation by 10% instead.

■ 56.8412, 0.2764,
0.3080

■ 56.8412, 0.2764,
0.3080

■ 412.8540, 0.2937,
0.3183

■ 40.8778, 0.2723,
0.3055

■ 100.2334, 0.2825,
0.3117

■ 28.2236, 0.2672,
0.3023

■ 128.4310, 0.2849,
0.3131

■ 18.4943, 0.2606,
0.2981

■ 161.4755, 0.2869,
0.3143

■ 11.3054, 0.2517,
0.2925

■ 199.7511, 0.2886,
0.3153

■ 6.2727, 0.2394,
0.2843

■ 243.6424, 0.2902,
0.3162

■ 3.0116, 0.2209,
0.2715

■ 293.5337, 0.2915,

■ 1.1378, 0.1907,

0.3170

0.2493

349.8095, 0.2927,
0.3177

0.0100, 0.0000,
0.0114

0.0000, 0.0000,
0.0000

56.8412, 0.2764,
0.3080

56.8412, 0.2764,
0.3080

51.2436, 0.2613,
0.2976

63.0162, 0.2918,
0.3175

46.1935, 0.2468,
0.2865

69.7832, 0.3073,
0.3262

41.6687, 0.2334,
0.2747

77.1645, 0.3225,
0.3339

37.6419, 0.2214,
0.2625

84.7174, 0.3357,
0.3409

■ 34.0829, 0.2112,
0.2499

■ 88.8945, 0.3347,
0.3480

■ 30.9574, 0.2030,
0.2374

■ 93.2413, 0.3337,
0.3549

■ 28.2237, 0.1968,
0.2249

■ 97.7598, 0.3328,
0.3618

■ 26.6208, 0.1936,
0.2170

■ 98.0012, 0.3327,
0.3621

Harmonies

Analogous

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



56.8412, 0.2796, 0.3236



56.8412, 0.2764, 0.3080



56.8412, 0.2825, 0.2987

Triad

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



56.8412, 0.2764, 0.3080



56.8412, 0.3340, 0.3168



56.8412, 0.3281, 0.3626

Complementary

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



56.8412, 0.2764, 0.3080



53.3694, 0.3568, 0.3491

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.



56.8412, 0.3434, 0.3596



56.8412, 0.2764, 0.3080



56.8412, 0.3470, 0.3329

Square

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



56.8412, 0.2764, 0.3080



56.8412, 0.3155, 0.3041



56.8412, 0.3504, 0.3485



56.8412, 0.3091, 0.3559

Rectangle

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



56.8412, 0.2764, 0.3080



56.8412, 0.2912, 0.2969



56.8412, 0.3504, 0.3485



56.8412, 0.3339, 0.3626

Sweetspot

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



56.8435, 0.2764, 0.3080



93.1003, 0.3019, 0.3232



63.6802, 0.2993, 0.3735



19.8042, 0.3009, 0.3227



0.0000, 0.0000, 0.0000



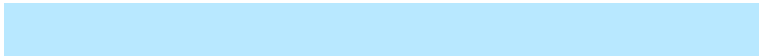
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.8435, 0.2764, 0.3080



74.8706, 0.2692, 0.3032



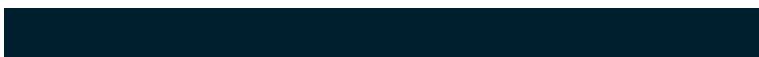
45.7170, 0.2738, 0.2754



14.0740, 0.2982, 0.3212



15.6769, 0.1942, 0.2189



1.1703, 0.1997, 0.2390

Inverse Universe

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



48.1153, 0.3297, 0.2889



61.1807, 0.3339, 0.2806



65.0674, 0.3504, 0.3775



13.1986, 0.3187, 0.3134



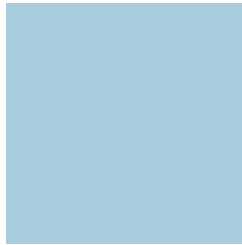
10.2064, 0.4244, 0.2112



0.6768, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 56.8412, 0.2764, 0.3080 looks on a white background.

Color Contrast Check

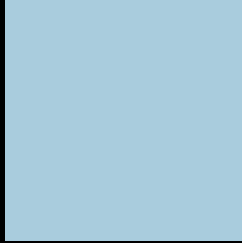
Large Text (above 18pt) WCAG AA × Fail

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 56.8412, 0.2764, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

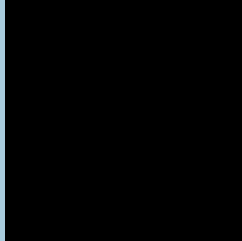
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8412, 0.2764, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 56.8412, 0.2764, 0.3080.

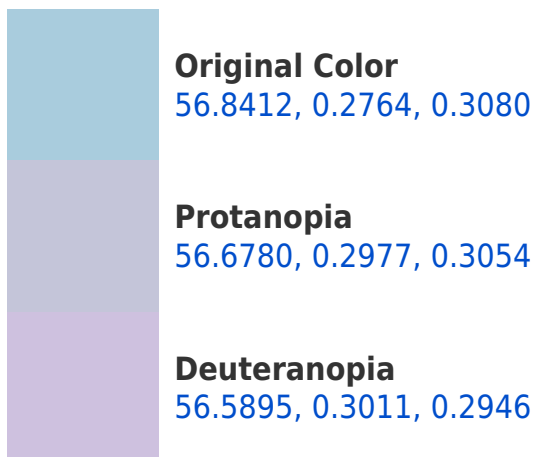


This preview shows how white text looks on a background with the Yxy color 56.8412, 0.2764, 0.3080.

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





Tritanopia

56.7881, 0.2770, 0.3092

Trichromacy



Original Color

56.8412, 0.2764, 0.3080

Protanomaly

56.8096, 0.2898, 0.3073

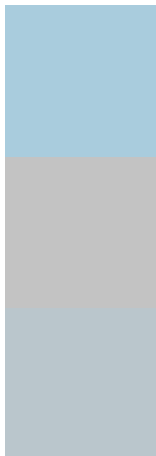
Deuteranomaly

56.5439, 0.2921, 0.2995

Tritanomaly

56.7881, 0.2770, 0.3092

Monochromacy



Original Color

56.8412, 0.2764, 0.3080

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1869, 0.2992, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8412, 0.2764, 0.3080 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(169, 204, 221)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 221)  
}
```

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(169, 204, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.8412, 0.2764, 0.3080 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(169, 204, 221) }
```

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

```
.border{ border-color:rgb(169, 204, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 204, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 221);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8412, 0.2764, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 221) }
```

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

```
.background{ background-color: rgb(169,  
204, 221) }
```

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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