

Converting Colors

$Y_{xy}(56.9072, 0.2981, 0.3249)$

Have a look what the booklet for
Yxy(56.9072, 0.2981, 0.3249)
contains.

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Color

Yxy(56.9631, 0.2978, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	B9CACD
RGB	185, 202, 205
RGB Percent	73%, 79%, 80%
CMY	0.2745, 0.2078, 0.1961
CMYK	0.10, 0.01, 0.00, 0.20
HSL	189°, 17%, 76%
HSV	189°, 10%, 80%
XYZ	52.1476, 56.9631, 65.9987
YIQ	197.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

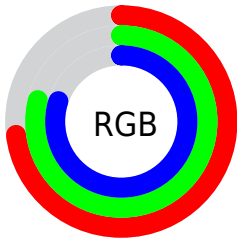
Format	Color
R _Y B	185, 194, 205
Decimal	12176077
CIE Lab	80.16, -5.15, -3.47
CIE LCh	80, 6.212, 213.953
Yxy	56.9631, 0.2978, 0.3253
Android (android.graphics.Color)	4290366157 (0xFFB9CACD)
YUV	197.2590, 3.8163, -10.7511
Hunter-Lab	75.4739, -8.7474, 0.9851

Details

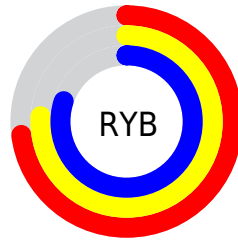
The Yxy color **56.9631, 0.2978, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4457, 0.3293, 0.3327**, and the grayscale version is **55.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **28.3197, 0.2939, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **53.1726, 0.2829, 0.3212**, and if you desaturate by 10%, it is **61.1546, 0.3131, 0.3291**.

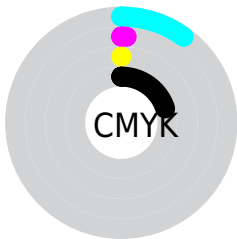
Distribution



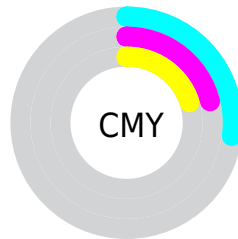
- Red (73%)
- Green (79%)
- Blue (80%)



- Red (73%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9631, 0.2978, 0.3253 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 56.9631, 0.2978, 0.3253 by changing the saturation by 10% instead.

■ 56.9631, 0.2978,
0.3253

■ 56.9631, 0.2978,
0.3253

413.3110, 0.3050,
0.3271

■ 40.9756, 0.2961,
0.3248

■ 100.4113, 0.3004,
0.3260

■ 28.3000, 0.2939,
0.3243

128.6409, 0.3013,
0.3262

■ 18.5520, 0.2911,
0.3235

161.7199, 0.3022,
0.3264

■ 11.3470, 0.2873,
0.3225

200.0328, 0.3029,
0.3266

■ 6.3007, 0.2819,
0.3209

243.9640, 0.3035,
0.3268

■ 3.0288, 0.2736,
0.3185

293.8978, 0.3041,

■ 1.1468, 0.2593,

0.3269

0.3139

350.2187, 0.3045,
0.3270

0.0176, 0.0000,
0.0630

0.0000, 0.0000,
0.0000

56.9631, 0.2978,
0.3253

56.9631, 0.2978,
0.3253

53.1726, 0.2829,
0.3212

61.1546, 0.3131,
0.3291

49.7600, 0.2688,
0.3167

65.7547, 0.3286,
0.3325

46.7108, 0.2557,
0.3119

70.7800, 0.3440,
0.3356

44.0066, 0.2439,
0.3069

73.8955, 0.3499,
0.3386

■ 41.6276, 0.2337,
0.3017

■ 75.4645, 0.3493,
0.3417

■ 39.5513, 0.2253,
0.2964

■ 77.0628, 0.3487,
0.3447

■ 37.7524, 0.2189,
0.2911

■ 78.6907, 0.3482,
0.3478

■ 36.2009, 0.2143,
0.2858

■ 80.3482, 0.3476,
0.3508

■ 34.8429, 0.2113,
0.2806

■ 82.0356, 0.3470,
0.3539

Harmonies

Analogous

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



56.9631, 0.3022, 0.3327



56.9631, 0.2978, 0.3253



56.9631, 0.2973, 0.3190

Triad

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



56.9631, 0.2978, 0.3253



56.9631, 0.3158, 0.3192



56.9631, 0.3246, 0.3426

Complementary

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



56.9631, 0.2978, 0.3253



52.4457, 0.3293, 0.3327

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.



56.9631, 0.3284, 0.3388



56.9631, 0.2978, 0.3253



56.9631, 0.3233, 0.3253

Square

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



56.9631, 0.2978, 0.3253



56.9631, 0.3076, 0.3156



56.9631, 0.3279, 0.3324



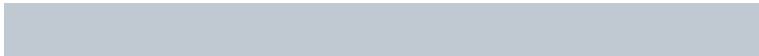
56.9631, 0.3177, 0.3428

Rectangle

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



56.9631, 0.2978, 0.3253



56.9631, 0.2993, 0.3163



56.9631, 0.3279, 0.3324



56.9631, 0.3263, 0.3417

Sweetspot

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



56.9655, 0.2978, 0.3253



97.8501, 0.3080, 0.3279



57.5910, 0.3097, 0.3505



20.8232, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



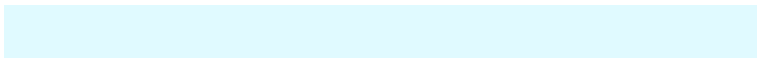
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9655, 0.2978, 0.3253



91.7662, 0.2942, 0.3243



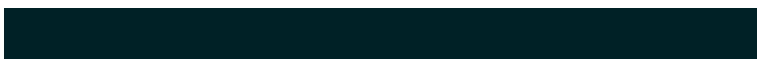
52.5691, 0.2977, 0.3133



12.4300, 0.2983, 0.3254



21.7828, 0.2115, 0.2812



1.2034, 0.2143, 0.2915

Inverse Universe

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



51.9433, 0.3161, 0.3088



81.7153, 0.3171, 0.3037



56.7162, 0.3280, 0.3442



11.3738, 0.3160, 0.3095



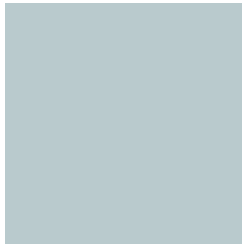
10.0020, 0.3623, 0.1770



0.5240, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 56.9631, 0.2978, 0.3253 looks on a white background.

Color Contrast Check

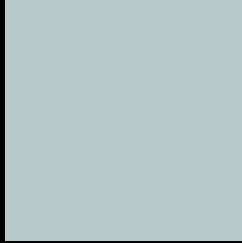
Large Text (above 18pt) WCAG AA × Fail

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 56.9631, 0.2978, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

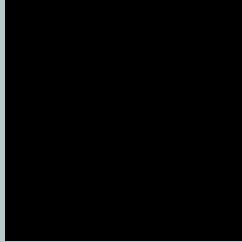
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

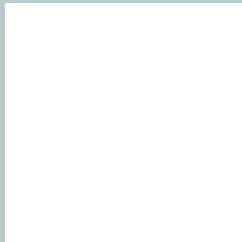
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9631, 0.2978, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 56.9631, 0.2978, 0.3253.



This preview shows how white text looks on a background with the Yxy color 56.9631, 0.2978, 0.3253.

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

56.9631, 0.2978, 0.3253

Protanopia

56.6143, 0.3122, 0.3230

Deuteranopia

56.9411, 0.3191, 0.3129



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

56.9631, 0.2978, 0.3253

Protanomaly

56.7607, 0.3067, 0.3242

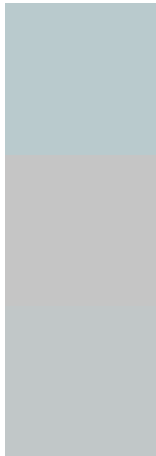
Deuteranomaly

56.6326, 0.3109, 0.3172

Tritanomaly

56.9659, 0.2938, 0.3156

Monochromacy



Original Color

56.9631, 0.2978, 0.3253

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3544, 0.3073, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9631, 0.2978, 0.3253 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(185, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 205)  
}
```

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(185, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.9631, 0.2978, 0.3253 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(185, 202, 205) }
```

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

```
.border{ border-color:rgb(185, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9631, 0.2978, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 205) }
```

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

```
.background{ background-color: rgb(185,  
202, 205) }
```

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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