

Converting Colors

Yxy(56.7838, 0.3000, 0.3254)

Have a look what the booklet for
Yxy(56.7838, 0.3000, 0.3254)
contains.

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Color

Yxy(56.6977, 0.3000, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BBC9CC
RGB	187, 201, 204
RGB Percent	73%, 79%, 80%
CMY	0.2664, 0.2118, 0.2000
CMYK	0.08, 0.01, 0.00, 0.20
HSL	191°, 14%, 77%
HSV	191°, 8%, 80%
XYZ	52.2881, 56.6977, 65.3078
YIQ	197.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

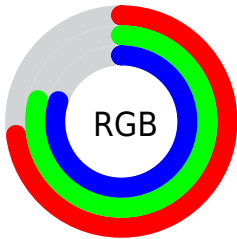
Format	Color
RYB	187, 195, 204
Decimal	12306892
CIELab	80.01, -4.14, -3.13
CIELCh	80, 5.193, 217.126
Yxy	56.6977, 0.3000, 0.3253
Android (android.graphics.Color)	4290496972 (0xFFBBC9CC)
YUV	197.1560, 3.3741, -8.9068
Hunter-Lab	75.2979, -7.8180, 1.2848

Details

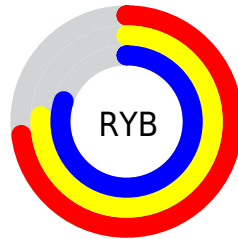
The Yxy color $56.6977, 0.3000, 0.3253$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2773, 0.3266, 0.3327$, and the grayscale version is $55.9232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7947, 0.3054, 0.3290$, and $28.1378, 0.2968, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $52.6415, 0.2850, 0.3205$, and if you desaturate by 10%, it is $61.1638, 0.3153, 0.3297$.

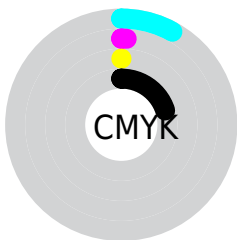
Distribution



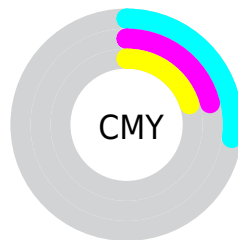
- Red (73%)
- Green (79%)
- Blue (80%)



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



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6977, 0.3000, 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 56.6977, 0.3000, 0.3253 by changing the saturation by 10% instead.

■ 56.6977, 0.3000,
0.3253

■ 56.6977, 0.3000,
0.3253

412.3156, 0.3061,
0.3271

■ 40.7626, 0.2985,
0.3249

■ 100.0240, 0.3022,
0.3260

■ 28.1336, 0.2967,
0.3243

128.1839, 0.3030,
0.3262

■ 18.4264, 0.2943,
0.3235

161.1876, 0.3037,
0.3264

■ 11.2566, 0.2910,
0.3225

199.4193, 0.3043,
0.3266

■ 6.2397, 0.2864,
0.3210

243.2636, 0.3049,
0.3268

■ 2.9914, 0.2792,
0.3186

293.1048, 0.3053,

■ 1.1272, 0.2668,

0.3269

0.3142

349.3274, 0.3058,
0.3270

0.0010, 0.0000,
0.0046

0.0000, 0.0000,
0.0000

56.6977, 0.3000,
0.3253

56.6977, 0.3000,
0.3253

52.6415, 0.2850,
0.3205

61.1638, 0.3153,
0.3297

48.9725, 0.2706,
0.3152

66.0473, 0.3307,
0.3337

45.6764, 0.2571,
0.3096

71.3644, 0.3459,
0.3373

42.7351, 0.2448,
0.3036

74.4467, 0.3504,
0.3408

■ 40.1290, 0.2340,
0.2975

■ 76.3123, 0.3497,
0.3444

■ 37.8364, 0.2250,
0.2911

■ 78.2189, 0.3490,
0.3480

■ 35.8326, 0.2179,
0.2847

■ 80.1667, 0.3483,
0.3516

■ 34.0888, 0.2126,
0.2784

■ 82.1559, 0.3476,
0.3552

■ 32.5609, 0.2092,
0.2721

■ 84.1868, 0.3469,
0.3587

Harmonies

Analogous

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



56.6977, 0.3034, 0.3315



56.6977, 0.3000, 0.3253



56.6977, 0.2999, 0.3202

Triad

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



56.6977, 0.3000, 0.3253



56.6977, 0.3160, 0.3212



56.6977, 0.3222, 0.3406

Complementary

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



56.6977, 0.3000, 0.3253



53.2773, 0.3266, 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.



56.6977, 0.3257, 0.3377



56.6977, 0.3000, 0.3253



56.6977, 0.3221, 0.3265

Square

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



56.6977, 0.3000, 0.3253



56.6977, 0.3092, 0.3180



56.6977, 0.3256, 0.3325



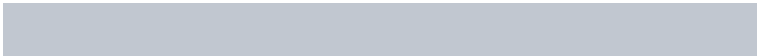
56.6977, 0.3162, 0.3403

Rectangle

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



56.6977, 0.3000, 0.3253



56.6977, 0.3018, 0.3182



56.6977, 0.3256, 0.3325



56.6977, 0.3237, 0.3399

Sweetspot

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



56.7001, 0.3000, 0.3253



98.4705, 0.3096, 0.3281



57.4655, 0.3097, 0.3464



21.0928, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



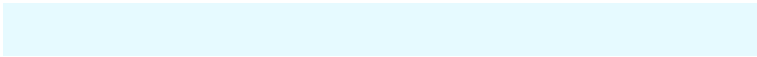
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7001, 0.3000, 0.3253



92.6322, 0.2972, 0.3244



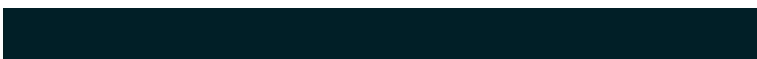
52.9389, 0.3000, 0.3151



12.3758, 0.2983, 0.3248



20.4624, 0.2089, 0.2719



1.1465, 0.2123, 0.2842

Inverse Universe

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



52.6171, 0.3160, 0.3124



84.5082, 0.3167, 0.3086



56.9727, 0.3256, 0.3426



11.3683, 0.3164, 0.3101



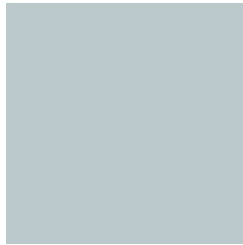
9.8687, 0.3710, 0.1818



0.5183, 0.3596, 0.1755

Previews

White Background



This preview shows how the Yxy color 56.6977, 0.3000, 0.3253 looks on a white background.

Color Contrast Check

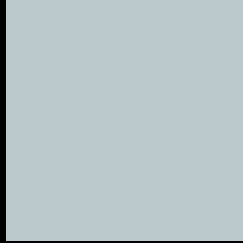
Large Text (above 18pt) WCAG AA × Fail

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 56.6977, 0.3000, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

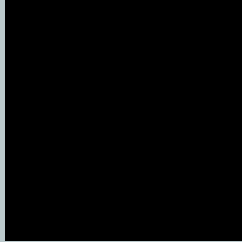
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

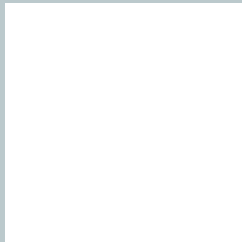
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6977, 0.3000, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 56.6977, 0.3000, 0.3253.



This preview shows how white text looks on a background with the Yxy color 56.6977, 0.3000, 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

56.6977, 0.3000, 0.3253

Protanopia

56.6143, 0.3122, 0.3230

Deuteranopia

56.4516, 0.3199, 0.3129



Tritanopia

56.5720, 0.2939, 0.3098

Trichromacy



Original Color

56.6977, 0.3000, 0.3253

Protanomaly

56.4357, 0.3075, 0.3230

Deuteranomaly

56.2754, 0.3125, 0.3172

Tritanomaly

56.7031, 0.2959, 0.3157

Monochromacy



Original Color

56.6977, 0.3000, 0.3253

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8958, 0.3074, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6977, 0.3000, 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(187, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 204)  
}
```

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(187, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.6977, 0.3000, 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(187, 201, 204) }
```

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

```
.border{ border-color:rgb(187, 201, 204) }
```

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

Here you see how a box with a 4 pixel rgb(187, 201, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6977, 0.3000, 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(187, 201, 204) }
```

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

```
.background{ background-color: rgb(187,  
201, 204) }
```

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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