

Converting Colors

$Yxy(56.3562, 0.2974, 0.3271)$

Have a look what the booklet for
Yxy(56.3562, 0.2974, 0.3271)
contains.

Yxy(56.6201, 0.2977, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6201, 0.2977, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B7CACB
RGB	183, 202, 203
RGB Percent	72%, 79%, 80%
CMY	0.2822, 0.2079, 0.2039
CMYK	0.10, 0.01, 0.00, 0.20
HSL	183°, 16%, 76%
HSV	183°, 10%, 80%
XYZ	51.4367, 56.6201, 64.7235
YIQ	196.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

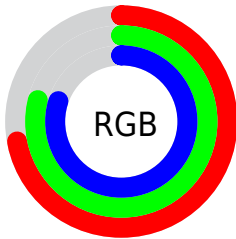
Format	Color
RYB	183, 193, 203
Decimal	12045003
CIELab	79.97, -6.19, -2.71
CIELCh	80, 6.753, 203.617
Yxy	56.6201, 0.2977, 0.3277
Android (android.graphics.Color)	4290235083 (0xFFB7CACB)
YUV	196.4330, 3.2375, -11.7807
Hunter-Lab	75.2463, -9.6625, 1.6738

Details

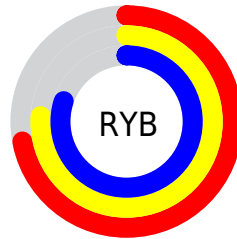
The Yxy color **56.6201, 0.2977, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4253, 0.3297, 0.3303**, and the grayscale version is **55.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **28.0956, 0.2938, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **53.8251, 0.2831, 0.3263**, and if you desaturate by 10%, it is **59.7822, 0.3130, 0.3290**.

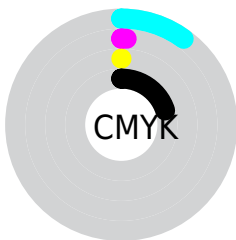
Distribution



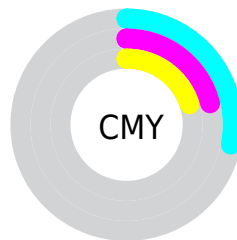
- Red (72%)
- Green (79%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



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



- Cyan (28%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6201, 0.2977, 0.3277 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 56.6201, 0.2977, 0.3277 by changing the saturation by 10% instead.

■ 56.6201, 0.2977,
0.3277

■ 56.6201, 0.2977,
0.3277

412.0242, 0.3049,
0.3284

■ 40.7003, 0.2960,
0.3275

■ 99.9107, 0.3003,
0.3280

■ 28.0850, 0.2938,
0.3273

128.0502, 0.3013,
0.3280

■ 18.3897, 0.2909,
0.3270

161.0318, 0.3021,
0.3281

■ 11.2302, 0.2871,
0.3266

199.2398, 0.3028,
0.3282

■ 6.2219, 0.2816,
0.3259

243.0587, 0.3035,
0.3282

■ 2.9805, 0.2732,
0.3248

292.8728, 0.3040,

■ 1.1215, 0.2585,

0.3283

349.0665, 0.3045,
0.3283

0.3226

0.0000, 0.0000,
0.0000

56.6201, 0.2977,
0.3277

56.6201, 0.2977,
0.3277

53.8251, 0.2831,
0.3263

59.7822, 0.3130,
0.3290

51.3747, 0.2696,
0.3247

63.3187, 0.3287,
0.3302

49.2550, 0.2573,
0.3231

67.2455, 0.3445,
0.3313

47.4482, 0.2466,
0.3215

69.7791, 0.3530,
0.3323

45.9348, 0.2377,
0.3198

70.2796, 0.3528,
0.3334

■ 44.6933, 0.2306,
0.3180

■ 70.7834, 0.3526,
0.3344

■ 43.6990, 0.2255,
0.3163

■ 71.2905, 0.3524,
0.3355

■ 42.9229, 0.2222,
0.3146

■ 71.8009, 0.3522,
0.3366

■ 42.3112, 0.2203,
0.3130

■ 72.3146, 0.3520,
0.3376

Harmonies

Analogous

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



56.6201, 0.3038, 0.3357



56.6201, 0.2977, 0.3277



56.6201, 0.2956, 0.3202

Triad

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



56.6201, 0.2977, 0.3277



56.6201, 0.3130, 0.3166



56.6201, 0.3276, 0.3428

Complementary

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



56.6201, 0.2977, 0.3277



50.4253, 0.3297, 0.3303

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.



56.6201, 0.3302, 0.3375



56.6201, 0.2977, 0.3277



56.6201, 0.3216, 0.3225

Square

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



56.6201, 0.2977, 0.3277



56.6201, 0.3043, 0.3140



56.6201, 0.3280, 0.3300



56.6201, 0.3210, 0.3445

Rectangle

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



56.6201, 0.2977, 0.3277



56.6201, 0.2967, 0.3165



56.6201, 0.3280, 0.3300



56.6201, 0.3289, 0.3414

Sweetspot

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



56.6225, 0.2977, 0.3277



98.3292, 0.3080, 0.3286



56.2520, 0.3108, 0.3529



20.9530, 0.3068, 0.3285



0.0000, 0.0000, 0.0000



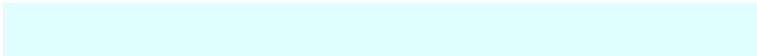
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6225, 0.2977, 0.3277



93.6598, 0.2942, 0.3274



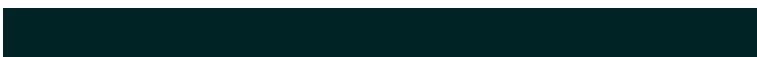
52.0968, 0.2976, 0.3153



12.6252, 0.2984, 0.3278



26.9590, 0.2203, 0.3132



1.4215, 0.2212, 0.3164

Inverse Universe

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



50.8468, 0.3146, 0.3063



81.9065, 0.3151, 0.3008



54.7136, 0.3284, 0.3424



11.3935, 0.3145, 0.3073



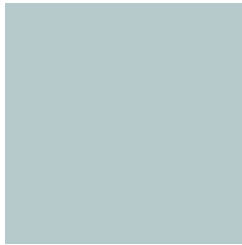
10.5245, 0.3340, 0.1614



0.5461, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 56.6201, 0.2977, 0.3277 looks on a white background.

Color Contrast Check

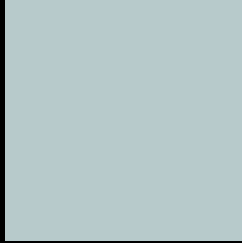
Large Text (above 18pt) WCAG AA × Fail

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 56.6201, 0.2977, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

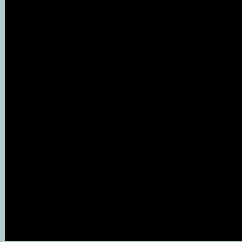
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

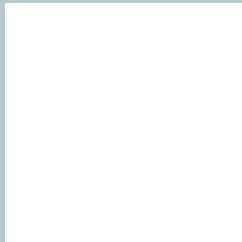
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6201, 0.2977, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 56.6201, 0.2977, 0.3277.

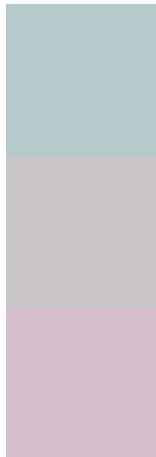


This preview shows how white text looks on a background with the Yxy color 56.6201, 0.2977, 0.3277.

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

56.6201, 0.2977, 0.3277

Protanopia

56.5201, 0.3137, 0.3254

Deuteranopia

56.4032, 0.3207, 0.3140



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.6201, 0.2977, 0.3277

Protanomaly

56.5332, 0.3074, 0.3266

Deuteranomaly

56.5360, 0.3124, 0.3195

Tritanomaly

56.6668, 0.2930, 0.3168

Monochromacy



Original Color

56.6201, 0.2977, 0.3277

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5881, 0.3065, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6201, 0.2977, 0.3277 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(183, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 203)  
}
```

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(183, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.6201, 0.2977, 0.3277 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(183, 202, 203) }
```

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

```
.border{ border-color:rgb(183, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6201, 0.2977, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 203) }
```

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

```
.background{ background-color: rgb(183,  
202, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor