

Converting Colors

Yxy(56.1422, 0.3001, 0.3256)

Have a look what the booklet for
Yxy(56.1422, 0.3001, 0.3256)
contains.

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Color

Yxy(56.0595, 0.2999, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8CB
RGB	186, 200, 203
RGB Percent	73%, 78%, 80%
CMY	0.2706, 0.2157, 0.2040
CMYK	0.08, 0.01, 0.00, 0.20
HSL	191°, 14%, 76%
HSV	191°, 8%, 80%
XYZ	51.6823, 56.0595, 64.5899
YIQ	196.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

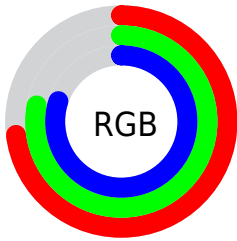
Format	Color
R _Y B	186, 194, 203
Decimal	12241099
CIE Lab	79.65, -4.17, -3.14
CIE LCh	80, 5.219, 216.956
Yxy	56.0595, 0.2999, 0.3253
Android (android.graphics.Color)	4290431179 (0xFFBAC8CB)
YUV	196.1560, 3.3741, -8.9068
Hunter-Lab	74.8729, -7.8149, 1.2639

Details

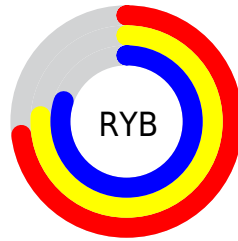
The Yxy color **56.0595, 0.2999, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6293, 0.3267, 0.3327**, and the grayscale version is **55.2849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **27.7142, 0.2967, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **52.0647, 0.2849, 0.3205**, and if you desaturate by 10%, it is **60.4587, 0.3152, 0.3297**.

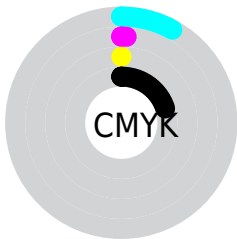
Distribution



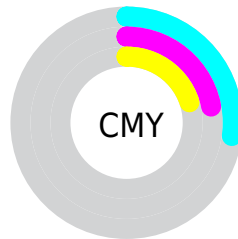
- Red (73%)
- Green (78%)
- Blue (80%)



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



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





- Cyan (27%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0595, 0.2999, 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 56.0595, 0.2999, 0.3253 by changing the saturation by 10% instead.

 56.0595, 0.2999,
0.3253

 56.0595, 0.2999,
0.3253


409.9157, 0.3061,
0.3271

 40.2506, 0.2984,
0.3249


 99.0916, 0.3021,
0.3260

 27.7340, 0.2965,
0.3243


127.0836, 0.3029,
0.3262

 18.1252, 0.2941,
0.3235


159.9054, 0.3037,
0.3264

 11.0399, 0.2908,
0.3225

197.9414, 0.3043,
0.3266

 6.0937, 0.2861,
0.3210

241.5761, 0.3048,
0.3268

 2.9021, 0.2788,
0.3185

291.1937, 0.3053,

 1.0809, 0.2660,

0.3269

0.3140

347.1788, 0.3057,
0.3270

0.0000, 0.0000,
0.0000

56.0595, 0.2999,
0.3253

56.0595, 0.2999,
0.3253

52.0647, 0.2849,
0.3205

60.4587, 0.3152,
0.3297

48.4519, 0.2705,
0.3153

65.2697, 0.3306,
0.3336

45.2069, 0.2570,
0.3097

70.5086, 0.3458,
0.3372

42.3118, 0.2448,
0.3038

73.8014, 0.3514,
0.3406

39.7475, 0.2340,
0.2977

75.6293, 0.3507,
0.3442

■ 37.4922, 0.2250,
0.2914

■ 77.4970, 0.3500,
0.3478

■ 35.5216, 0.2179,
0.2851

■ 79.4048, 0.3493,
0.3513

■ 33.8073, 0.2127,
0.2788

■ 81.3528, 0.3486,
0.3549

■ 32.3052, 0.2093,
0.2725

■ 83.3413, 0.3479,
0.3584

Harmonies

Analogous

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



56.0595, 0.3034, 0.3315



56.0595, 0.2999, 0.3253



56.0595, 0.2998, 0.3202

Triad

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



56.0595, 0.2999, 0.3253



56.0595, 0.3160, 0.3211



56.0595, 0.3223, 0.3407

Complementary

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



56.0595, 0.2999, 0.3253



52.6293, 0.3267, 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.



56.0595, 0.3258, 0.3377



56.0595, 0.2999, 0.3253



56.0595, 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.



56.0595, 0.2999, 0.3253



56.0595, 0.3091, 0.3179



56.0595, 0.3257, 0.3325



56.0595, 0.3163, 0.3405

Rectangle

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



56.0595, 0.2999, 0.3253



56.0595, 0.3017, 0.3181



56.0595, 0.3257, 0.3325



56.0595, 0.3238, 0.3400

Sweetspot

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



56.0619, 0.2999, 0.3253



97.7234, 0.3080, 0.3277



56.8135, 0.3097, 0.3466



20.7889, 0.3068, 0.3273



0.0000, 0.0000, 0.0000



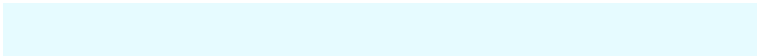
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0619, 0.2999, 0.3253



92.6554, 0.2972, 0.3245



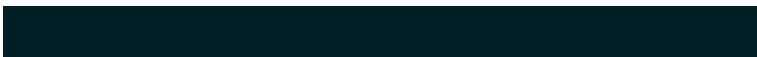
52.3024, 0.2999, 0.3149



12.3786, 0.2983, 0.3248



20.5308, 0.2090, 0.2724



1.1495, 0.2124, 0.2846

Inverse Universe

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



51.9837, 0.3160, 0.3122



84.5105, 0.3167, 0.3086



56.3218, 0.3257, 0.3427



11.3686, 0.3164, 0.3101



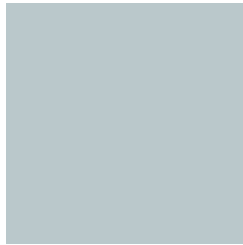
9.8756, 0.3706, 0.1815



0.5186, 0.3592, 0.1753

Previews

White Background



This preview shows how the Yxy color 56.0595, 0.2999, 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 56.0595, 0.2999, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

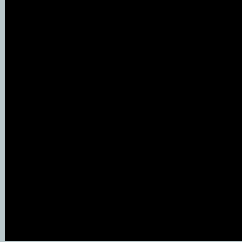
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

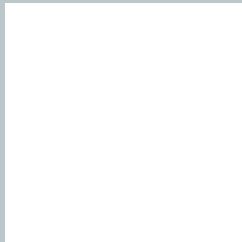
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0595, 0.2999, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 56.0595, 0.2999, 0.3253.

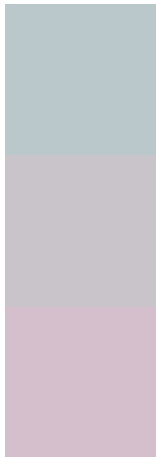


This preview shows how white text looks on a background with the Yxy color 56.0595, 0.2999, 0.3253.

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

56.0595, 0.2999, 0.3253

Protanopia

55.9763, 0.3122, 0.3230

Deuteranopia

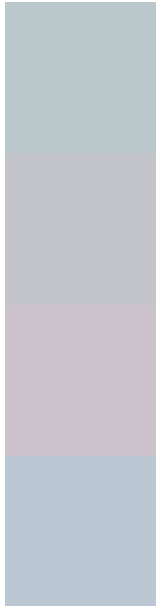
55.8155, 0.3200, 0.3128



Tritanopia

55.9346, 0.2938, 0.3097

Trichromacy



Original Color

56.0595, 0.2999, 0.3253

Protanomaly

55.7989, 0.3075, 0.3230

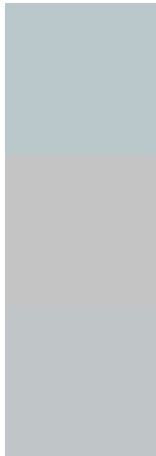
Deuteranomaly

55.6397, 0.3125, 0.3172

Tritanomaly

56.0648, 0.2958, 0.3156

Monochromacy



Original Color

56.0595, 0.2999, 0.3253

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2625, 0.3073, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0595, 0.2999, 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(186, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 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(186, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.0595, 0.2999, 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(186, 200, 203) }
```

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

```
.border{ border-color:rgb(186, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0595, 0.2999, 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(186, 200, 203) }
```

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

```
.background{ background-color: rgb(186,  
200, 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](#).

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