

Converting Colors

Yxy(55.9624, 0.3036, 0.3248)

Have a look what the booklet for
Yxy(55.9624, 0.3036, 0.3248)
contains.

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Color

Yxy(56.0583, 0.3036, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7CA
RGB	190, 199, 202
RGB Percent	75%, 78%, 79%
CMY	0.2549, 0.2196, 0.2078
CMYK	0.06, 0.01, 0.00, 0.21
HSL	195°, 10%, 77%
HSV	195°, 6%, 79%
XYZ	52.3188, 56.0583, 63.9509
YIQ	196.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

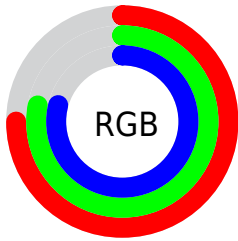
Format	Color
R _Y B	190, 195, 202
Decimal	12502986
CIE Lab	79.65, -2.50, -2.58
CIE LCh	80, 3.594, 225.946
Yxy	56.0583, 0.3036, 0.3253
Android (android.graphics.Color)	4290693066 (0xFFBEC7CA)
YUV	196.6510, 2.6371, -5.8329
Hunter-Lab	74.8721, -6.2947, 1.7688

Details

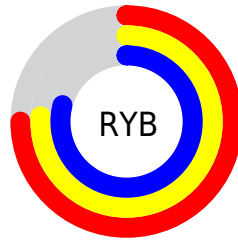
The Yxy color **56.0583, 0.3036, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4175, 0.3223, 0.3327**, and the grayscale version is **55.6010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **27.7073, 0.3016, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **51.3473, 0.2884, 0.3186**, and if you desaturate by 10%, it is **61.2120, 0.3189, 0.3314**.

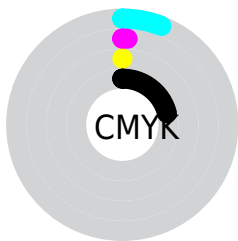
Distribution



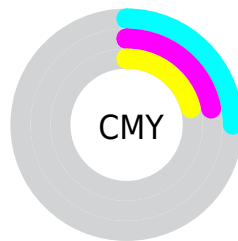
- Red (75%)
- Green (78%)
- Blue (79%)



- Red (75%)
- Yellow (76%)
- Blue (79%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0583, 0.3036, 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 56.0583, 0.3036, 0.3253 by changing the saturation by 10% instead.

■ 56.0583, 0.3036,
0.3253

■ 56.0583, 0.3036,
0.3253

409.9112, 0.3080,
0.3271

■ 40.2497, 0.3025,
0.3249

■ 99.0898, 0.3052,
0.3260

■ 27.7333, 0.3012,
0.3243

127.0815, 0.3058,
0.3262

■ 18.1247, 0.2995,
0.3236

159.9030, 0.3063,
0.3264

■ 11.0395, 0.2971,
0.3226

197.9386, 0.3067,
0.3266

■ 6.0934, 0.2937,
0.3211

241.5729, 0.3071,
0.3267

■ 2.9020, 0.2885,
0.3188

291.1901, 0.3074,

■ 1.0808, 0.2792,

0.3269

0.3146

347.1748, 0.3077,
0.3270

0.0000, 0.0000,
0.0000

56.0583, 0.3036,
0.3253

56.0583, 0.3036,
0.3253

51.3473, 0.2884,
0.3186

61.2120, 0.3189,
0.3314

47.0564, 0.2734,
0.3112

66.8160, 0.3340,
0.3368

43.1715, 0.2591,
0.3033

72.8864, 0.3488,
0.3417

39.6749, 0.2458,
0.2949

76.3163, 0.3511,
0.3466

36.5472, 0.2337,
0.2860

79.0006, 0.3501,
0.3517

■ 33.7673, 0.2232,
0.2769

■ 81.7659, 0.3491,
0.3567

■ 31.3113, 0.2146,
0.2675

■ 84.6128, 0.3481,
0.3616

■ 29.1516, 0.2079,
0.2582

■ 87.5421, 0.3471,
0.3665

■ 27.2540, 0.2031,
0.2490

■ 90.5544, 0.3461,
0.3713

Harmonies

Analogous

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



56.0583, 0.3053, 0.3295



56.0583, 0.3036, 0.3253



56.0583, 0.3043, 0.3222

Triad

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



56.0583, 0.3036, 0.3253



56.0583, 0.3164, 0.3246



56.0583, 0.3182, 0.3372

Complementary

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



56.0583, 0.3036, 0.3253



54.4175, 0.3223, 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.



56.0583, 0.3212, 0.3358



56.0583, 0.3036, 0.3253



56.0583, 0.3202, 0.3285

Square

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



56.0583, 0.3036, 0.3253



56.0583, 0.3116, 0.3218



56.0583, 0.3219, 0.3326



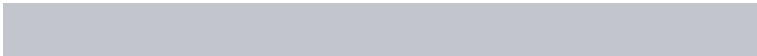
56.0583, 0.3138, 0.3364

Rectangle

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



56.0583, 0.3036, 0.3253



56.0583, 0.3060, 0.3211



56.0583, 0.3219, 0.3326



56.0583, 0.3194, 0.3370

Sweetspot

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



56.0607, 0.3036, 0.3253



98.2332, 0.3096, 0.3278



57.0459, 0.3099, 0.3401



21.0445, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



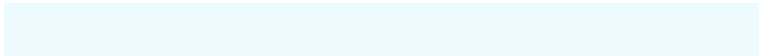
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0607, 0.3036, 0.3253



93.9510, 0.3019, 0.3246



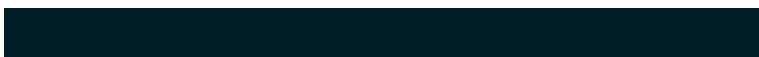
53.3496, 0.3037, 0.3179



12.4365, 0.3012, 0.3243



17.2186, 0.2018, 0.2465



1.0042, 0.2068, 0.2645

Inverse Universe

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



53.5055, 0.3157, 0.3182



88.8507, 0.3163, 0.3161



57.1287, 0.3217, 0.3399



11.7210, 0.3165, 0.3153



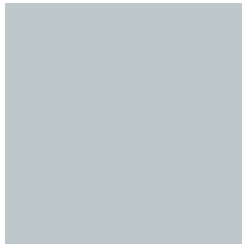
9.5412, 0.3957, 0.1954



0.5039, 0.3781, 0.1856

Previews

White Background



This preview shows how the Yxy color 56.0583, 0.3036, 0.3253 looks on a white background.

Color Contrast Check

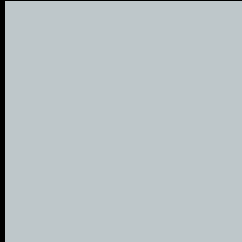
Large Text (above 18pt) WCAG AA × Fail

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 56.0583, 0.3036, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

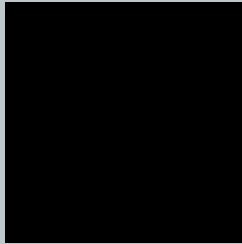
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

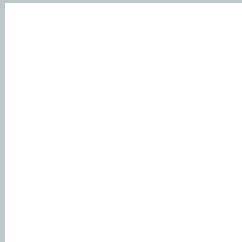
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0583, 0.3036, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 56.0583, 0.3036, 0.3253.

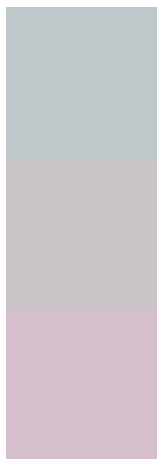


This preview shows how white text looks on a background with the Yxy color 56.0583, 0.3036, 0.3253.

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

56.0583, 0.3036, 0.3253

Protanopia

55.9293, 0.3129, 0.3242

Deuteranopia

55.7674, 0.3207, 0.3140



Tritanopia

55.9431, 0.2975, 0.3098

Trichromacy



Original Color

56.0583, 0.3036, 0.3253

Protanomaly

55.8853, 0.3090, 0.3242

Deuteranomaly

55.8745, 0.3148, 0.3184

Tritanomaly

56.0680, 0.2995, 0.3157

Monochromacy



Original Color

56.0583, 0.3036, 0.3253

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9810, 0.3089, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0583, 0.3036, 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(190, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 202)  
}
```

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(190, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.0583, 0.3036, 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(190, 199, 202) }
```

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

```
.border{ border-color:rgb(190, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0583, 0.3036, 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(190, 199, 202) }
```

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

```
.background{ background-color: rgb(190,  
199, 202) }
```

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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