

Converting Colors

$Yxy(56.4373, 0.3134, 0.3454)$

Have a look what the booklet for
Yxy(56.4373, 0.3134, 0.3454)
contains.

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Color

Yxy(56.3513, 0.3135, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	BEC9BC
RGB	190, 201, 188
RGB Percent	75%, 79%, 74%
CMY	0.2550, 0.2117, 0.2628
CMYK	0.05, 0.00, 0.06, 0.21
HSL	111°, 11%, 76%
HSV	111°, 6%, 79%
XYZ	51.1913, 56.3513, 55.7471
YIQ	196.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

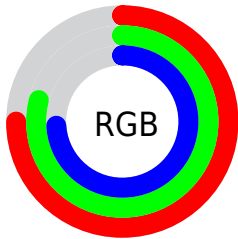
Format	Color
R_{YB}	188, 201, 199
Decimal	12503484
CIE _{Lab}	79.81, -6.18, 5.20
CIE _{LCh}	80, 8.075, 139.945
Yxy	56.3513, 0.3135, 0.3451
Android (android.graphics.Color)	4290693564 (0xFFBEC9BC)
YUV	196.2290, -4.0569, -5.4628
Hunter-Lab	75.0675, -9.6423, 8.5169

Details

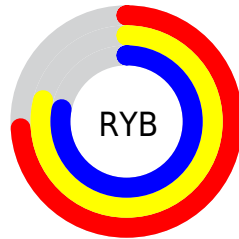
The Yxy color **56.3513, 0.3135, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3252, 0.3118, 0.3133**, and the grayscale version is **55.3702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6445, 0.3135, 0.3397**, and **27.9351, 0.3139, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **53.4787, 0.3146, 0.3725**, and if you desaturate by 10%, it is **59.6061, 0.3123, 0.3208**.

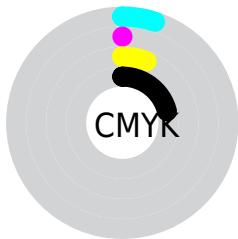
Distribution



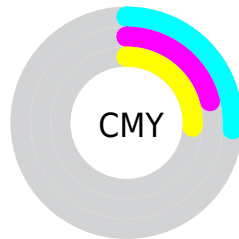
- Red (75%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3513, 0.3135, 0.3451 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 56.3513, 0.3135, 0.3451 by changing the saturation by 10% instead.


 56.3513, 0.3135,
0.3451

 56.3513, 0.3135,
0.3451

411.0141, 0.3132,
0.3372

 40.4847, 0.3136,
0.3470


 99.5180, 0.3134,
0.3423

 27.9166, 0.3137,
0.3495


127.5869, 0.3133,
0.3412

 18.2628, 0.3137,
0.3526


160.4920, 0.3133,
0.3403

 11.1388, 0.3139,
0.3570

198.6176, 0.3133,
0.3395

 6.1603, 0.3140,
0.3634

242.3483, 0.3132,
0.3388

 2.9428, 0.3141,
0.3735

292.0683, 0.3132,

 1.1019, 0.3147,

0.3382

0.3930

348.1621, 0.3132,
0.3377

0.0000, 0.0000,
0.0000

56.3513, 0.3135,
0.3451

56.3513, 0.3135,
0.3451

53.4787, 0.3146,
0.3725

59.6061, 0.3123,
0.3208

50.9674, 0.3154,
0.4028

63.2490, 0.3110,
0.2995

48.8052, 0.3158,
0.4355

67.2948, 0.3096,
0.2809

46.9763, 0.3156,
0.4697

70.2605, 0.3152,
0.2762

45.4641, 0.3148,
0.5036

■ 44.2502, 0.3133,
0.5350

■ 43.3144, 0.3110,
0.5617

■ 42.6339, 0.3081,
0.5816

■ 42.1813, 0.3050,
0.5936

Harmonies

Analogous

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



56.3513, 0.3238, 0.3476



56.3513, 0.3135, 0.3451



56.3513, 0.3031, 0.3381

Triad

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



56.3513, 0.3135, 0.3451



56.3513, 0.2945, 0.3130



56.3513, 0.3303, 0.3290

Complementary

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



56.3513, 0.3135, 0.3451



52.3252, 0.3118, 0.3133

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.



56.3513, 0.3222, 0.3202



56.3513, 0.3135, 0.3451



56.3513, 0.3015, 0.3110

Square

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



56.3513, 0.3135, 0.3451



56.3513, 0.2923, 0.3194



56.3513, 0.3117, 0.3136



56.3513, 0.3336, 0.3381

Rectangle

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



56.3513, 0.3135, 0.3451



56.3513, 0.2976, 0.3319



56.3513, 0.3117, 0.3136



56.3513, 0.3281, 0.3260

Sweetspot

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



56.3537, 0.3135, 0.3451



98.8649, 0.3130, 0.3339



56.8250, 0.3224, 0.3421



21.1730, 0.3130, 0.3337



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.



56.3537, 0.3135, 0.3451



95.6206, 0.3137, 0.3494



56.2905, 0.3089, 0.3397



11.9640, 0.3138, 0.3527



26.4698, 0.3047, 0.5962



1.2787, 0.3166, 0.5868

Inverse Universe

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



52.3252, 0.3118, 0.3133



87.0843, 0.3116, 0.3092



52.3964, 0.3168, 0.3185



10.7318, 0.3114, 0.3061



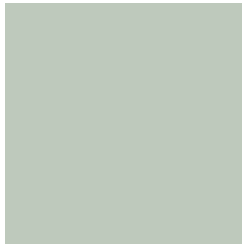
8.0878, 0.2831, 0.1333



0.4057, 0.2915, 0.1379

Previews

White Background



This preview shows how the Yxy color 56.3513, 0.3135, 0.3451 looks on a white background.

Color Contrast Check

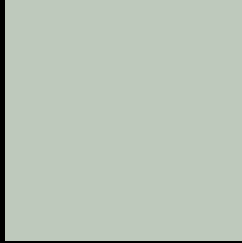
Large Text (above 18pt) WCAG AA × Fail

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 56.3513, 0.3135, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

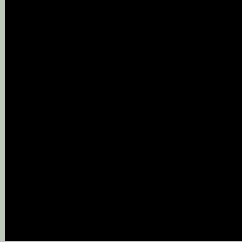
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

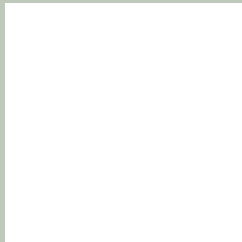
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3513, 0.3135, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 56.3513, 0.3135, 0.3451.



This preview shows how white text looks on a background with the Yxy color 56.3513, 0.3135, 0.3451.

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

56.3513, 0.3135, 0.3451

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

56.1950, 0.3375, 0.3302



Tritanopia

56.2059, 0.2990, 0.3099

Trichromacy



Original Color

56.3513, 0.3135, 0.3451

Protanomaly

56.1181, 0.3216, 0.3424

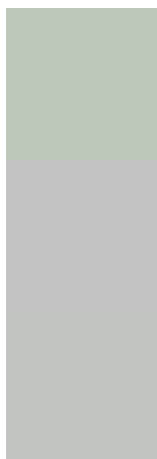
Deuteranomaly

56.2596, 0.3286, 0.3362

Tritanomaly

56.0853, 0.3045, 0.3217

Monochromacy



Original Color

56.3513, 0.3135, 0.3451

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7078, 0.3132, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3513, 0.3135, 0.3451 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, 201, 188)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 188)  
}
```

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, 201, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.3513, 0.3135, 0.3451 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, 201, 188) }
```

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

```
.border{ border-color:rgb(190, 201, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3513, 0.3135, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 188) }
```

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

```
.background{ background-color: rgb(190,  
201, 188) }
```

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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