

Converting Colors

Yxy(56.5886, 0.3180, 0.3517)

Have a look what the booklet for
Yxy(56.5886, 0.3180, 0.3517)
contains.

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Color

Yxy(56.7363, 0.3178, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	BFCAB7
RGB	191, 202, 183
RGB Percent	75%, 79%, 72%
CMY	0.2511, 0.2078, 0.2823
CMYK	0.05, 0.00, 0.09, 0.21
HSL	95°, 15%, 75%
HSV	95°, 9%, 79%
XYZ	51.1512, 56.7363, 53.0665
YIQ	196.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

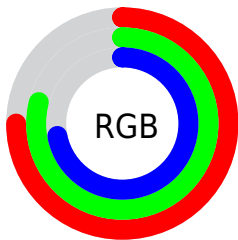
Format	Color
RYB	183, 202, 194
Decimal	12569271
CIELab	80.03, -7.23, 8.18
CIElCh	80, 10.913, 131.460
Yxy	56.7363, 0.3178, 0.3525
Android (android.graphics.Color)	4290759351 (0xFFBFCAB7)
YUV	196.5450, -6.6777, -4.8630
Hunter-Lab	75.3235, -10.5991, 10.9557

Details

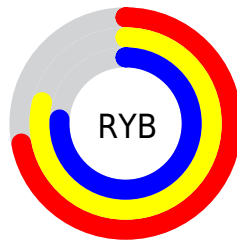
The Yxy color **56.7363, 0.3178, 0.3525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6174, 0.3072, 0.3057**, and the grayscale version is **55.5876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5262, 0.3170, 0.3446**, and **28.1948, 0.3196, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **54.4959, 0.3231, 0.3798**, and if you desaturate by 10%, it is **59.2243, 0.3124, 0.3276**.

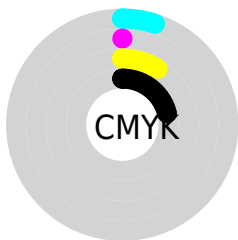
Distribution



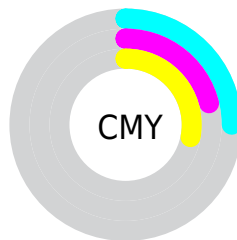
- Red (75%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7363, 0.3178, 0.3525 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 56.7363, 0.3178, 0.3525 by changing the saturation by 10% instead.

■ 56.7363, 0.3178,
0.3525

■ 56.7363, 0.3178,
0.3525

412.4605, 0.3154,
0.3410

■ 40.7936, 0.3184,
0.3553

■ 100.0803, 0.3170,
0.3484

■ 28.1578, 0.3190,
0.3589

128.2504, 0.3166,
0.3468

■ 18.4447, 0.3199,
0.3636

161.2650, 0.3164,
0.3455

■ 11.2697, 0.3210,
0.3700

199.5086, 0.3161,
0.3443

■ 6.2485, 0.3226,
0.3794

243.3655, 0.3159,
0.3433

■ 2.9968, 0.3248,
0.3942

293.2202, 0.3157,

■ 1.1301, 0.3323,

0.3425

0.4269

349.4571, 0.3156,
0.3417

0.0034, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7363, 0.3178,
0.3525

56.7363, 0.3178,
0.3525

54.4959, 0.3231,
0.3798

59.2243, 0.3124,
0.3276

52.4878, 0.3280,
0.4090

61.9600, 0.3070,
0.3051

50.7059, 0.3323,
0.4396

64.9532, 0.3019,
0.2849

49.1414, 0.3355,
0.4705

67.6291, 0.3027,
0.2752

■ 47.7844, 0.3372,
0.5003

■ 69.7263, 0.3112,
0.2765

■ 46.6245, 0.3372,
0.5275

■ 70.7253, 0.3151,
0.2772

■ 45.6500, 0.3353,
0.5502

■ 44.8474, 0.3314,
0.5673

■ 44.1959, 0.3262,
0.5788

Harmonies

Analogous

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



56.7363, 0.3310, 0.3538



56.7363, 0.3178, 0.3525



56.7363, 0.3035, 0.3445

Triad

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



56.7363, 0.3178, 0.3525



56.7363, 0.2867, 0.3093



56.7363, 0.3339, 0.3254

Complementary

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



56.7363, 0.3178, 0.3525



49.6174, 0.3072, 0.3057

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.



56.7363, 0.3216, 0.3142



56.7363, 0.3178, 0.3525



56.7363, 0.2944, 0.3049

Square

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



56.7363, 0.3178, 0.3525



56.7363, 0.2858, 0.3192



56.7363, 0.3071, 0.3068



56.7363, 0.3405, 0.3378

Rectangle

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



56.7363, 0.3178, 0.3525



56.7363, 0.2952, 0.3365



56.7363, 0.3071, 0.3068



56.7363, 0.3303, 0.3214

Sweetspot

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



56.7387, 0.3178, 0.3525



98.6838, 0.3144, 0.3364



54.4641, 0.3276, 0.3421



21.0485, 0.3148, 0.3384



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.



56.7387, 0.3178, 0.3525



95.3625, 0.3187, 0.3571



55.7882, 0.3107, 0.3513



12.7628, 0.3178, 0.3525



28.4635, 0.3269, 0.5787



1.5127, 0.3426, 0.5662

Inverse Universe

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



49.6174, 0.3072, 0.3057



81.2293, 0.3061, 0.3012



50.6391, 0.3148, 0.3077



11.1604, 0.3072, 0.3057



5.2468, 0.2197, 0.0984



0.3147, 0.2392, 0.1091

Previews

White Background



This preview shows how the Yxy color 56.7363, 0.3178, 0.3525 looks on a white background.

Color Contrast Check

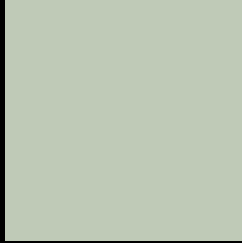
Large Text (above 18pt) WCAG AA × Fail

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 56.7363, 0.3178, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

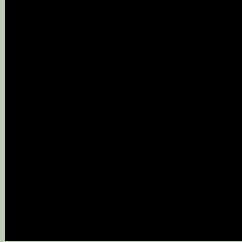
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

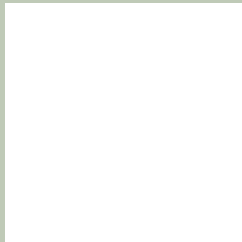
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7363, 0.3178, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 56.7363, 0.3178, 0.3525.



This preview shows how white text looks on a background with the Yxy color 56.7363, 0.3178, 0.3525.

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

56.7363, 0.3178, 0.3525

Protanopia

56.8462, 0.3319, 0.3494

Deuteranopia

56.2940, 0.3433, 0.3360



Tritanopia

56.9280, 0.3005, 0.3112

Trichromacy



Original Color

56.7363, 0.3178, 0.3525

Protanomaly

56.6418, 0.3269, 0.3497

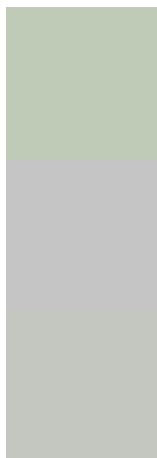
Deuteranomaly

56.3398, 0.3341, 0.3421

Tritanomaly

56.5804, 0.3067, 0.3254

Monochromacy



Original Color

56.7363, 0.3178, 0.3525

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2547, 0.3147, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7363, 0.3178, 0.3525 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(191, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 183)  
}
```

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(191, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.7363, 0.3178, 0.3525 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(191, 202, 183) }
```

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

```
.border{ border-color:rgb(191, 202, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 202, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 202, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 202, 183); box-shadow:4px 4px 4px 4px rgb(191, 202, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7363, 0.3178, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 183) }
```

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

```
.background{ background-color: rgb(191,  
202, 183) }
```

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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