

Converting Colors

$Yxy(56.6813, 0.3130, 0.3708)$

Have a look what the booklet for
Yxy(56.6813, 0.3130, 0.3708)
contains.

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Color

Yxy(56.5457, 0.3131, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	B1CEAE
RGB	177, 206, 174
RGB Percent	69%, 81%, 68%
CMY	0.3057, 0.1922, 0.3177
CMYK	0.14, 0.00, 0.16, 0.19
HSL	114°, 25%, 75%
HSV	114°, 16%, 81%
XYZ	47.8499, 56.5457, 48.4306
YIQ	193.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

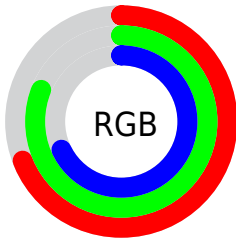
Format	Color
RYB	174, 206, 203
Decimal	11652782
CIELab	79.92, -15.71, 12.72
CIELCh	80, 20.209, 141.005
Yxy	56.5457, 0.3131, 0.3700
Android (android.graphics.Color)	4289842862 (0xFFB1CEAE)
YUV	193.6810, -9.7027, -14.6292
Hunter-Lab	75.1969, -18.0100, 14.4520

Details

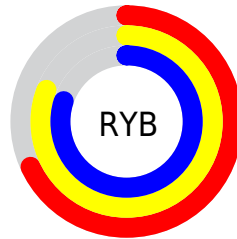
The Yxy color **56.5457, 0.3131, 0.3700** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4113, 0.3119, 0.2906**, and the grayscale version is **53.8173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5568, 0.3134, 0.3543**, and **28.1467, 0.3122, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **53.7641, 0.3131, 0.4004**, and if you desaturate by 10%, it is **59.7540, 0.3129, 0.3427**.

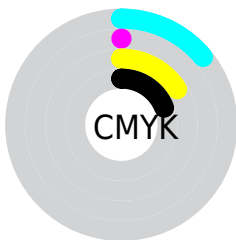
Distribution



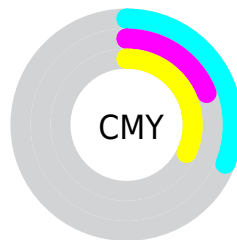
- Red (69%)
- Green (81%)
- Blue (68%)



- Red (68%)
- Yellow (81%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)




- Cyan (31%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5457, 0.3131, 0.3700 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 56.5457, 0.3131, 0.3700 by changing the saturation by 10% instead.


 56.5457, 0.3131,
0.3700

 56.5457, 0.3131,
0.3700

411.7448, 0.3132,
0.3497

 40.6406, 0.3130,
0.3750


 99.8020, 0.3132,
0.3626

 28.0384, 0.3128,
0.3815


127.9220, 0.3132,
0.3599

 18.3546, 0.3125,
0.3900


160.8824, 0.3132,
0.3575

 11.2049, 0.3120,
0.4018

199.0677, 0.3132,
0.3555

 6.2048, 0.3109,
0.4192

242.8621, 0.3132,
0.3537

 2.9700, 0.3084,
0.4472

292.6502, 0.3132,

 1.1161, 0.3171,

0.3522

0.5356

348.8163, 0.3132,
0.3509

■ 0.0000, 0.0000,
0.0000

■ 56.5457, 0.3131,
0.3700

■ 56.5457, 0.3131,
0.3700

■ 53.7641, 0.3131,
0.4004

■ 59.7540, 0.3129,
0.3427

■ 51.3845, 0.3127,
0.4335

■ 63.3984, 0.3125,
0.3187

■ 49.3902, 0.3120,
0.4682

■ 67.4969, 0.3121,
0.2977

■ 47.7610, 0.3108,
0.5029

■ 71.9749, 0.3125,
0.2808

■ 46.4746, 0.3092,
0.5352

■ 72.6197, 0.3150,
0.2811

■ 45.5064, 0.3072,
0.5625

■ 44.8281, 0.3050,
0.5828

■ 44.4068, 0.3027,
0.5949

■ 44.2852, 0.3020,
0.5984

Harmonies

Analogous

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



56.5457, 0.3391, 0.3762



56.5457, 0.3131, 0.3700



56.5457, 0.2878, 0.3513

Triad

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



56.5457, 0.3131, 0.3700



56.5457, 0.2683, 0.2889



56.5457, 0.3576, 0.3291

Complementary

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



56.5457, 0.3131, 0.3700



47.4113, 0.3119, 0.2906

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.



56.5457, 0.3372, 0.3079



56.5457, 0.3131, 0.3700



56.5457, 0.2855, 0.2852

Square

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



56.5457, 0.3131, 0.3700



56.5457, 0.2627, 0.3035



56.5457, 0.3106, 0.2922



56.5457, 0.3655, 0.3511

Rectangle

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



56.5457, 0.3131, 0.3700



56.5457, 0.2746, 0.3348



56.5457, 0.3106, 0.2922



56.5457, 0.3519, 0.3217

Sweetspot

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



56.5481, 0.3131, 0.3700



97.0841, 0.3129, 0.3415



58.7909, 0.3364, 0.3636



20.6954, 0.3129, 0.3433



0.0000, 0.0000, 0.0000



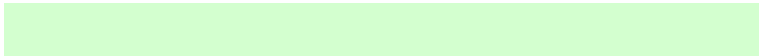
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5481, 0.3131, 0.3700



89.8787, 0.3131, 0.3809



56.7161, 0.3020, 0.3534



12.5874, 0.3130, 0.3528



27.2904, 0.3025, 0.5980



1.4259, 0.3101, 0.5920

Inverse Universe

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



47.4113, 0.3119, 0.2906



72.0200, 0.3116, 0.2812



47.2478, 0.3251, 0.3058



11.3471, 0.3123, 0.3061



9.2190, 0.2972, 0.1411



0.4918, 0.3021, 0.1438

Previews

White Background



This preview shows how the Yxy color 56.5457, 0.3131, 0.3700 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 56.5457, 0.3131, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

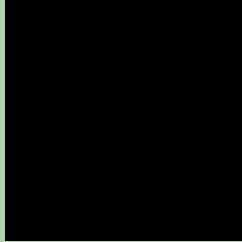
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5457, 0.3131, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 56.5457, 0.3131, 0.3700.



This preview shows how white text looks on a background with the Yxy color 56.5457, 0.3131, 0.3700.

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

56.5457, 0.3131, 0.3700

Protanopia

56.2447, 0.3422, 0.3616

Deuteranopia

56.2832, 0.3515, 0.3452



Tritanopia

56.4568, 0.2896, 0.3096

Trichromacy



Original Color

56.5457, 0.3131, 0.3700

Protanomaly

56.1191, 0.3318, 0.3648

Deuteranomaly

55.8798, 0.3369, 0.3531

Tritanomaly

56.2819, 0.2976, 0.3302

Monochromacy



Original Color

56.5457, 0.3131, 0.3700

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6674, 0.3129, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5457, 0.3131, 0.3700 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(177, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 206, 174)  
}
```

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(177, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 206, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.5457, 0.3131, 0.3700 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(177, 206, 174) }
```

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

```
.border{ border-color:rgb(177, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 206,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5457, 0.3131, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 206, 174) }
```

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

```
.background{ background-color: rgb(177,  
206, 174) }
```

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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