

Converting Colors

Yxy(56.3146, 0.3181, 0.3462)

Have a look what the booklet for
Yxy(56.3146, 0.3181, 0.3462)
contains.

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Color

Yxy(56.3231, 0.3182, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	C2C8BA
RGB	194, 200, 186
RGB Percent	76%, 78%, 73%
CMY	0.2392, 0.2157, 0.2706
CMYK	0.03, 0.00, 0.07, 0.22
HSL	86°, 11%, 76%
HSV	86°, 7%, 78%
XYZ	51.7678, 56.3231, 54.5986
YIQ	196.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

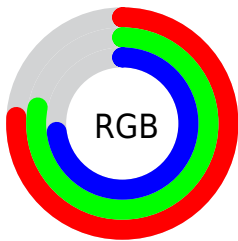
Format	Color
RYB	186, 200, 192
Decimal	12765370
CIELab	79.80, -4.59, 6.28
CIELCh	80, 7.775, 126.186
Yxy	56.3231, 0.3182, 0.3462
Android (android.graphics.Color)	4290955450 (0xFFC2C8BA)
YUV	196.6100, -5.2307, -2.2890
Hunter-Lab	75.0487, -8.2079, 9.4001

Details

The Yxy color **56.3231, 0.3182, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4950, 0.3069, 0.3117**, and the grayscale version is **55.6216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2548, 0.3171, 0.3416**, and **27.8267, 0.3191, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **54.4336, 0.3260, 0.3724**, and if you desaturate by 10%, it is **58.4017, 0.3104, 0.3219**.

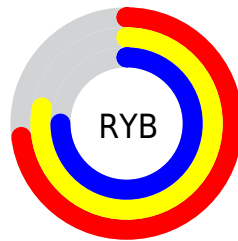
Distribution



Red (76%)

Green (78%)

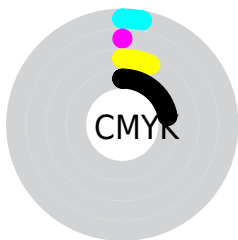
Blue (73%)



Red (73%)

Yellow (78%)

Blue (75%)

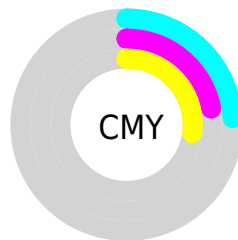


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (24%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3231, 0.3182, 0.3462 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 56.3231, 0.3182, 0.3462 by changing the saturation by 10% instead.

 56.3231, 0.3182,
0.3462

 56.3231, 0.3182,
0.3462

410.9080, 0.3156,
0.3378

 40.4620, 0.3188,
0.3482


 99.4768, 0.3173,
0.3432

 27.8990, 0.3196,
0.3508


127.5383, 0.3169,
0.3420

 18.2495, 0.3206,
0.3542


160.4353, 0.3166,
0.3411

 11.1293, 0.3219,
0.3589

198.5523, 0.3164,
0.3402

 6.1539, 0.3238,
0.3656

242.2737, 0.3161,
0.3395

 2.9389, 0.3267,
0.3763

291.9838, 0.3159,

 1.0999, 0.3334,

0.3389

0.3980

348.0671, 0.3157,
0.3383

0.0000, 0.0000,
0.0000

56.3231, 0.3182,
0.3462

56.3231, 0.3182,
0.3462

54.4336, 0.3260,
0.3724

58.4017, 0.3104,
0.3219

52.7200, 0.3337,
0.4002

60.6678, 0.3028,
0.2998

51.1782, 0.3407,
0.4290

63.1293, 0.2956,
0.2797

49.8015, 0.3467,
0.4578

65.0622, 0.2958,
0.2719

48.5825, 0.3512,
0.4856

66.4984, 0.3019,
0.2730

■ 47.5132, 0.3538,
0.5108

■ 68.0049, 0.3082,
0.2740

■ 46.5845, 0.3542,
0.5322

■ 69.5825, 0.3144,
0.2751

■ 45.7861, 0.3521,
0.5488

■ 69.7892, 0.3152,
0.2752

■ 45.1046, 0.3480,
0.5601

Harmonies

Analogous

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



56.3231, 0.3271, 0.3463



56.3231, 0.3182, 0.3462



56.3231, 0.3079, 0.3413

Triad

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



56.3231, 0.3182, 0.3462



56.3231, 0.2935, 0.3160



56.3231, 0.3265, 0.3250

Complementary

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



56.3231, 0.3182, 0.3462



50.4950, 0.3069, 0.3117

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.



56.3231, 0.3173, 0.3172



56.3231, 0.3182, 0.3462



56.3231, 0.2983, 0.3120

Square

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



56.3231, 0.3182, 0.3462



56.3231, 0.2938, 0.3236



56.3231, 0.3070, 0.3125



56.3231, 0.3320, 0.3339

Rectangle

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



56.3231, 0.3182, 0.3462



56.3231, 0.3017, 0.3360



56.3231, 0.3070, 0.3125



56.3231, 0.3238, 0.3222

Sweetspot

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



56.3255, 0.3182, 0.3462



99.2644, 0.3143, 0.3339



53.4522, 0.3239, 0.3362



21.2544, 0.3142, 0.3336



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.



56.3255, 0.3182, 0.3462



97.1372, 0.3191, 0.3490



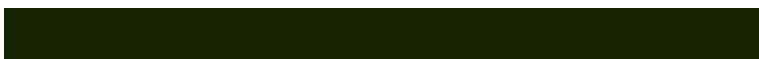
55.4408, 0.3128, 0.3465



12.1823, 0.3201, 0.3523



28.6125, 0.3475, 0.5623



1.3969, 0.3622, 0.5506

Inverse Universe

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



50.4950, 0.3069, 0.3117



85.5209, 0.3060, 0.3089



51.4091, 0.3125, 0.3120



10.5056, 0.3048, 0.3056



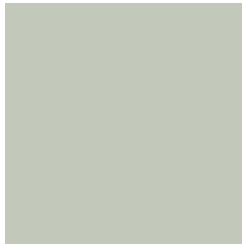
3.9469, 0.1900, 0.0820



0.2294, 0.2141, 0.0953

Previews

White Background



This preview shows how the Yxy color 56.3231, 0.3182, 0.3462 looks on a white background.

Color Contrast Check

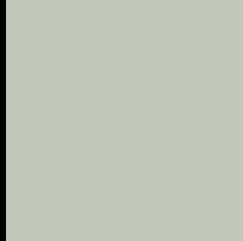
Large Text (above 18pt) WCAG AA × Fail

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 56.3231, 0.3182, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

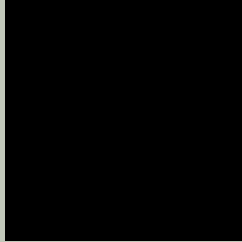
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

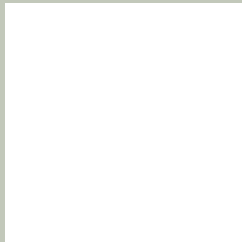
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3231, 0.3182, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 56.3231, 0.3182, 0.3462.



This preview shows how white text looks on a background with the Yxy color 56.3231, 0.3182, 0.3462.

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

56.3231, 0.3182, 0.3462

Protanopia

56.2306, 0.3281, 0.3447

Deuteranopia

56.1081, 0.3392, 0.3325



Tritanopia

56.2391, 0.3027, 0.3100

Trichromacy



Original Color

56.3231, 0.3182, 0.3462

Protanomaly

56.1703, 0.3239, 0.3448

Deuteranomaly

56.0203, 0.3319, 0.3373

Tritanomaly

56.1146, 0.3084, 0.3218

Monochromacy



Original Color

56.3231, 0.3182, 0.3462

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9742, 0.3148, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3231, 0.3182, 0.3462 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(194, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 186)  
}
```

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(194, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 186) }
```

Border

The CSS property to change the border of an element to Yxy 56.3231, 0.3182, 0.3462 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(194, 200, 186) }
```

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

```
.border{ border-color:rgb(194, 200, 186) }
```

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

Here you see how a box with a 4 pixel rgb(194, 200, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3231, 0.3182, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 186) }
```

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

```
.background{ background-color: rgb(194,  
200, 186) }
```

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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