

Converting Colors

Yxy(58.2742, 0.3168, 0.3705)

Have a look what the booklet for
Yxy(58.2742, 0.3168, 0.3705)
contains.

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Color

Yxy(58.2742, 0.3168, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	B7D0AF
RGB	183, 208, 175
RGB Percent	72%, 82%, 69%
CMY	0.2822, 0.1843, 0.3137
CMYK	0.12, 0.00, 0.16, 0.18
HSL	105°, 26%, 75%
HSV	105°, 16%, 82%
XYZ	49.8280, 58.2742, 49.1831
YIQ	196.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

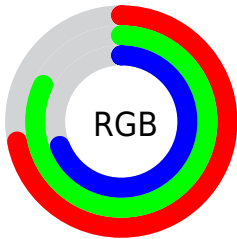
Format	Color
R _{YB}	175, 208, 200
Decimal	12046511
CIE Lab	80.89, -14.47, 13.60
CIE LCh	81, 19.857, 136.779
Yxy	58.2742, 0.3168, 0.3705
Android (android.graphics.Color)	4290236591 (0xFFB7D0AF)
YUV	196.7630, -10.7292, -12.0702
Hunter-Lab	76.3375, -17.0780, 15.2366

Details

The Yxy color **58.2742, 0.3168, 0.3705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4934, 0.3077, 0.2892**, and the grayscale version is **55.7568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6402, 0.3166, 0.3530**, and **29.2622, 0.3181, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **55.6972, 0.3190, 0.4002**, and if you desaturate by 10%, it is **61.1980, 0.3143, 0.3435**.

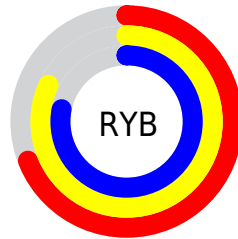
Distribution



Red (72%)

Green (82%)

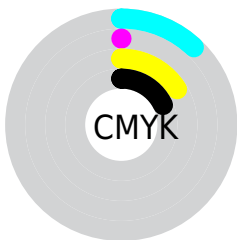
Blue (69%)



Red (69%)

Yellow (82%)

Blue (78%)

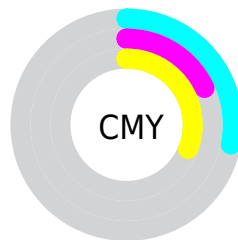


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (28%)


Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2742, 0.3168, 0.3705 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 58.2742, 0.3168, 0.3705 by changing the saturation by 10% instead.


 58.2742, 0.3168,
0.3705

 58.2742, 0.3168,
0.3705


418.2069, 0.3151,
0.3500

 42.0291, 0.3171,
0.3755


 102.3220, 0.3162,
0.3631

 29.1241, 0.3175,
0.3819


130.8936, 0.3160,
0.3603

 19.1747, 0.3179,
0.3904


164.3428, 0.3158,
0.3580

 11.7966, 0.3183,
0.4020

203.0540, 0.3156,
0.3559

 6.6053, 0.3186,
0.4189

247.4116, 0.3155,
0.3542

 3.2165, 0.3183,
0.4458

297.8001, 0.3153,

 1.2458, 0.3302,

0.3526

0.5189

354.6037, 0.3152,
0.3513

■ 0.0986, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2742, 0.3168,
0.3705

■ 58.2742, 0.3168,
0.3705

■ 55.6972, 0.3190,
0.4002

■ 61.1980, 0.3143,
0.3435

■ 53.4467, 0.3208,
0.4321

■ 64.4733, 0.3116,
0.3193

■ 51.5116, 0.3219,
0.4652

■ 68.1139, 0.3089,
0.2980

■ 49.8771, 0.3219,
0.4982

■ 71.9227, 0.3084,
0.2822

■ 48.5275, 0.3209,
0.5289

■ 73.5902, 0.3149,
0.2831

■ 47.4454, 0.3186,
0.5554

■ 46.6110, 0.3151,
0.5757

■ 46.0017, 0.3109,
0.5887

■ 45.8030, 0.3092,
0.5927

Harmonies

Analogous

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



58.2742, 0.3416, 0.3746



58.2742, 0.3168, 0.3705



58.2742, 0.2917, 0.3537

Triad

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



58.2742, 0.3168, 0.3705



58.2742, 0.2680, 0.2914



58.2742, 0.3542, 0.3261

Complementary

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



58.2742, 0.3168, 0.3705



47.4934, 0.3077, 0.2892

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.



58.2742, 0.3331, 0.3059



58.2742, 0.3168, 0.3705



58.2742, 0.2833, 0.2862

Square

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



58.2742, 0.3168, 0.3705



58.2742, 0.2642, 0.3070



58.2742, 0.3069, 0.2916



58.2742, 0.3638, 0.3477

Rectangle

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



58.2742, 0.3168, 0.3705



58.2742, 0.2780, 0.3381



58.2742, 0.3069, 0.2916



58.2742, 0.3482, 0.3190

Sweetspot

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



58.2767, 0.3168, 0.3705



97.4214, 0.3141, 0.3415



57.6977, 0.3378, 0.3586



20.7771, 0.3142, 0.3433



0.0000, 0.0000, 0.0000



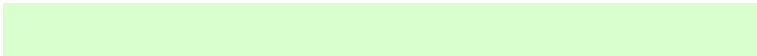
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2767, 0.3168, 0.3705



90.9596, 0.3176, 0.3802



57.6548, 0.3051, 0.3604



13.3431, 0.3152, 0.3528



28.5860, 0.3100, 0.5920



1.6361, 0.3234, 0.5814

Inverse Universe

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



47.4934, 0.3077, 0.2892



70.7215, 0.3065, 0.2804



48.2314, 0.3213, 0.2995



11.8582, 0.3099, 0.3058



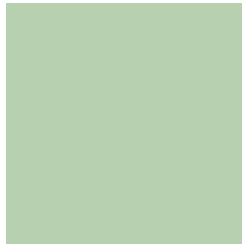
7.3793, 0.2605, 0.1208



0.4481, 0.2721, 0.1272

Previews

White Background



This preview shows how the Yxy color 58.2742, 0.3168, 0.3705 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 58.2742, 0.3168, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

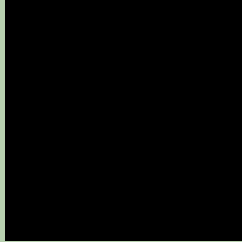
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

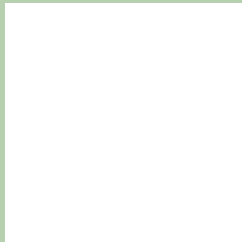
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2742, 0.3168, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 58.2742, 0.3168, 0.3705.



This preview shows how white text looks on a background with the Yxy color 58.2742, 0.3168, 0.3705.

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

58.2742, 0.3168, 0.3705

Protanopia

58.0977, 0.3433, 0.3635

Deuteranopia

57.8483, 0.3536, 0.3461



Tritanopia

58.2502, 0.2927, 0.3099

Trichromacy



Original Color

58.2742, 0.3168, 0.3705

Protanomaly

58.1079, 0.3338, 0.3667

Deuteranomaly

57.5595, 0.3399, 0.3539

Tritanomaly

58.0148, 0.3013, 0.3314

Monochromacy



Original Color

58.2742, 0.3168, 0.3705

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6539, 0.3144, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2742, 0.3168, 0.3705 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(183, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 208, 175)  
}
```

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(183, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 175) }
```

Border

The CSS property to change the border of an element to Yxy 58.2742, 0.3168, 0.3705 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(183, 208, 175) }
```

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

```
.border{ border-color:rgb(183, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 208, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 208, 175); box-shadow:4px 4px 4px 4px rgb(183, 208, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2742, 0.3168, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 175) }
```

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

```
.background{ background-color: rgb(183,  
208, 175) }
```

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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