

Converting Colors

$Yxy(57.7988, 0.3276, 0.3836)$

Have a look what the booklet for
Yxy(57.7988, 0.3276, 0.3836)
contains.

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Color

Yxy(57.8708, 0.3277, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFA4
RGB	187, 207, 164
RGB Percent	73%, 81%, 64%
CMY	0.2668, 0.1882, 0.3568
CMYK	0.10, 0.00, 0.21, 0.19
HSL	88°, 31%, 73%
HSV	88°, 21%, 81%
XYZ	49.5021, 57.8708, 43.6863
YIQ	196.1180, 1.8830, -17.6130

Conversions

Conversions Part 2

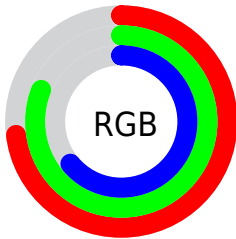
Format	Color
RYB	164, 207, 184
Decimal	12308388
CIELab	80.67, -14.38, 19.16
CIELCh	81, 23.955, 126.904
Yxy	57.8708, 0.3277, 0.3831
Android (android.graphics.Color)	4290498468 (0xFFBBCFA4)
YUV	196.1180, -15.8342, -7.9965
Hunter-Lab	76.0729, -16.9740, 19.2026

Details

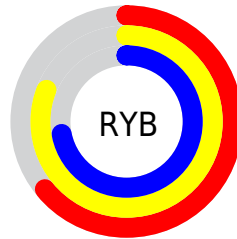
The Yxy color **57.8708, 0.3277, 0.3831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2562, 0.2950, 0.2746**, and the grayscale version is **55.3712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6892, 0.3261, 0.3650**, and **28.9389, 0.3305, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **56.0091, 0.3345, 0.4117**, and if you desaturate by 10%, it is **59.9410, 0.3205, 0.3560**.

Distribution



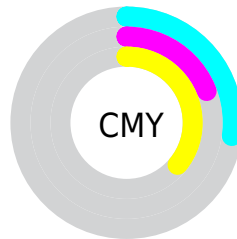
- Red (73%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)





- Cyan (27%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8708, 0.3277, 0.3831 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 57.8708, 0.3277, 0.3831 by changing the saturation by 10% instead.

 57.8708, 0.3277,
0.3831


 57.8708, 0.3277,
0.3831

416.7043, 0.3209,
0.3564

 41.7048, 0.3292,
0.3897

 101.7347, 0.3254,
0.3735

 28.8702, 0.3310,
0.3980


 130.2014, 0.3244,
0.3698

 18.9827, 0.3332,
0.4090


163.5370, 0.3236,
0.3667

 11.6577, 0.3360,
0.4241

202.1261, 0.3230,
0.3641

 6.5111, 0.3393,
0.4460

246.3530, 0.3223,
0.3618

 3.1583, 0.3428,
0.4802

296.6021, 0.3218,

 1.2149, 0.3883,

0.3597

0.6117

353.2577, 0.3213,
0.3580

■ 0.0738, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8708, 0.3277,
0.3831

■ 57.8708, 0.3277,
0.3831

■ 56.0091, 0.3345,
0.4117

■ 59.9410, 0.3205,
0.3560

■ 54.3410, 0.3405,
0.4412


■ 62.2192, 0.3133,
0.3309

■ 52.8608, 0.3454,
0.4704

■ 64.7146, 0.3061,
0.3079


■ 51.5600, 0.3486,
0.4980

■ 67.4336, 0.2993,
0.2871


 50.4290, 0.3498,
0.5227


 69.5496, 0.3008,
0.2801


 49.4571, 0.3487,
0.5430

 71.2386, 0.3076,
0.2811

 48.6317, 0.3454,
0.5580

 73.0181, 0.3146,
0.2821

 47.9809, 0.3408,
0.5676

 73.1116, 0.3149,
0.2821

Harmonies

Analogous

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



57.8708, 0.3557, 0.3821



57.8708, 0.3277, 0.3831



57.8708, 0.2966, 0.3673

Triad

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



57.8708, 0.3277, 0.3831



57.8708, 0.2559, 0.2884



57.8708, 0.3557, 0.3169

Complementary

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



57.8708, 0.3277, 0.3831



41.2562, 0.2950, 0.2746

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.



57.8708, 0.3270, 0.2947



57.8708, 0.3277, 0.3831



57.8708, 0.2699, 0.2782

Square

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



57.8708, 0.3277, 0.3831



57.8708, 0.2562, 0.3105



57.8708, 0.2955, 0.2808



57.8708, 0.3727, 0.3427

Rectangle

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



57.8708, 0.3277, 0.3831



57.8708, 0.2784, 0.3497



57.8708, 0.2955, 0.2808



57.8708, 0.3470, 0.3088

Sweetspot

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



57.8733, 0.3277, 0.3831



97.7260, 0.3171, 0.3439



49.9636, 0.3493, 0.3529



20.8660, 0.3176, 0.3456



0.0000, 0.0000, 0.0000



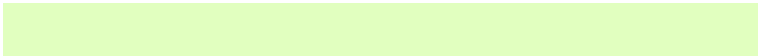
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8733, 0.3277, 0.3831



91.3466, 0.3308, 0.3959



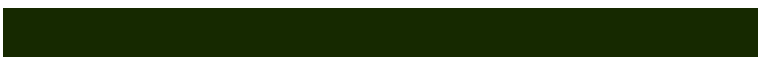
55.4365, 0.3116, 0.3858



13.5125, 0.3195, 0.3525



30.2829, 0.3418, 0.5668



1.7402, 0.3554, 0.5560

Inverse Universe

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



41.2562, 0.2950, 0.2746



59.9568, 0.2904, 0.2616



44.0191, 0.3132, 0.2775



11.6838, 0.3054, 0.3055



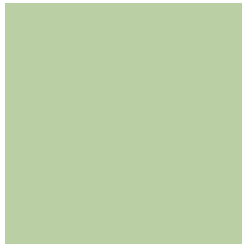
4.4766, 0.1966, 0.0857



0.2973, 0.2172, 0.0970

Previews

White Background



This preview shows how the Yxy color 57.8708, 0.3277, 0.3831 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 57.8708, 0.3277, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

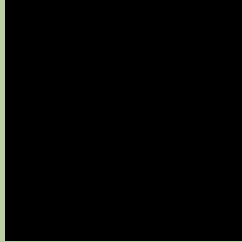
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8708, 0.3277, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 57.8708, 0.3277, 0.3831.

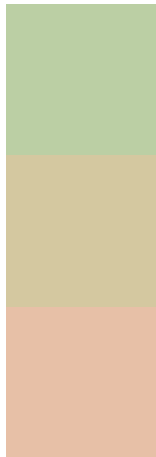


This preview shows how white text looks on a background with the Yxy color 57.8708, 0.3277, 0.3831.

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

57.8708, 0.3277, 0.3831

Protanopia

57.8437, 0.3526, 0.3767

Deuteranopia

57.4782, 0.3655, 0.3574



Tritanopia

57.8685, 0.2977, 0.3101

Trichromacy



Original Color

57.8708, 0.3277, 0.3831

Protanomaly

57.9816, 0.3436, 0.3801

Deuteranomaly

57.1328, 0.3513, 0.3657

Tritanomaly

57.9496, 0.3086, 0.3363

Monochromacy



Original Color

57.8708, 0.3277, 0.3831

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1067, 0.3189, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8708, 0.3277, 0.3831 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(187, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 164)  
}
```

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(187, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.8708, 0.3277, 0.3831 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(187, 207, 164) }
```

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

```
.border{ border-color:rgb(187, 207, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 207, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 207, 164); box-shadow:4px 4px 4px 4px rgb(187, 207, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8708, 0.3277, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 164) }
```

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

```
.background{ background-color: rgb(187,  
207, 164) }
```

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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