

Converting Colors

$Y_{xy}(47.8725, 0.3651, 0.3931)$

Have a look what the booklet for
Yxy(47.8725, 0.3651, 0.3931)
contains.

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Color

Yxy(47.8725, 0.3651, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	C5B886
RGB	197, 184, 134
RGB Percent	77%, 72%, 53%
CMY	0.2276, 0.2784, 0.4745
CMYK	0.00, 0.07, 0.32, 0.23
HSL	48°, 35%, 65%
HSV	48°, 32%, 77%
XYZ	44.4626, 47.8725, 29.4469
YIQ	182.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

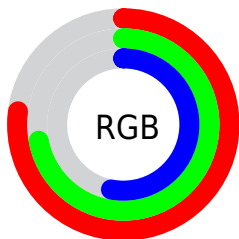
Format	Color
RYB	150, 197, 134
Decimal	12957830
CIELab	74.74, -3.00, 27.12
CIELCh	75, 27.284, 96.311
Yxy	47.8725, 0.3651, 0.3931
Android (android.graphics.Color)	4291147910 (0xFFC5B886)
YUV	182.1870, -23.7562, 12.9910
Hunter-Lab	69.1900, -6.3754, 23.1995

Details

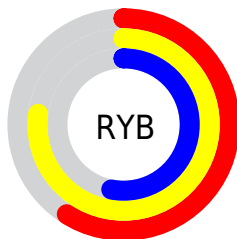
The Yxy color **47.8725, 0.3651, 0.3931** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9466, 0.2586, 0.2554**, and the grayscale version is **47.0072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0218, 0.3554, 0.3813**, and **22.6235, 0.3785, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **45.7162, 0.3829, 0.4130**, and if you desaturate by 10%, it is **50.1837, 0.3477, 0.3727**.

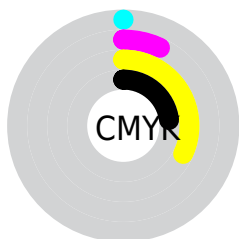
Distribution



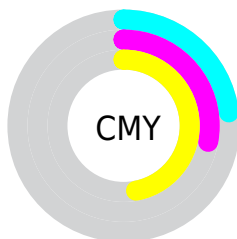
- Red (77%)
- Green (72%)
- Blue (53%)



- Red (59%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8725, 0.3651, 0.3931 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 47.8725, 0.3651, 0.3931 by changing the saturation by 10% instead.


 47.8725, 0.3651,
0.3931


 47.8725, 0.3651,
0.3931


378.2865, 0.3394,
0.3613


 33.7259, 0.3713,
0.4009


 87.0145, 0.3559,
0.3816

 22.6831, 0.3790,
0.4107


 112.7788, 0.3524,
0.3773

 14.3597, 0.3888,
0.4235


 143.1844, 0.3495,
0.3736

 8.3713, 0.4018,
0.4406

178.6158, 0.3469,
0.3704

 4.3334, 0.4189,
0.4641

219.4573, 0.3447,
0.3677

 1.8618, 0.4702,
0.5298

266.0933, 0.3427,

 0.5252, 0.4478,

0.3653


0.5522


318.9082, 0.3410,
0.3631


 0.0000, 0.0000,
0.0000


 47.8725, 0.3651,
0.3931


 47.8725, 0.3651,
0.3931


 45.7162, 0.3829,
0.4130

 50.1837, 0.3477,
0.3727

 43.7022, 0.4005,
0.4314


 52.6490, 0.3311,
0.3524


 41.8259, 0.4173,
0.4474

 55.2757, 0.3156,
0.3328

 40.0802, 0.4324,
0.4599

 58.0690, 0.3014,
0.3141

 38.4564, 0.4451,
0.4682

 61.0333, 0.2883,
0.2967

■ 36.9446, 0.4550,
0.4718

■ 64.1734, 0.2765,
0.2806

■ 35.7978, 0.4612,
0.4720

■ 66.3589, 0.2753,
0.2823

■ 68.4143, 0.2756,
0.2869

■ 70.5210, 0.2760,
0.2914

Harmonies

Analogous

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



47.8725, 0.3855, 0.3733



47.8725, 0.3651, 0.3931



47.8725, 0.3312, 0.3954

Triad

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



47.8725, 0.3651, 0.3931



47.8725, 0.2450, 0.3066



47.8725, 0.3290, 0.2875

Complementary

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



47.8725, 0.3651, 0.3931



29.9466, 0.2586, 0.2554

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.



47.8725, 0.2909, 0.2711



47.8725, 0.3651, 0.3931



47.8725, 0.2444, 0.2800

Square

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



47.8725, 0.3651, 0.3931



47.8725, 0.2625, 0.3426



47.8725, 0.2606, 0.2680



47.8725, 0.3644, 0.3135

Rectangle

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



47.8725, 0.3651, 0.3931



47.8725, 0.3059, 0.3851



47.8725, 0.2606, 0.2680



47.8725, 0.3160, 0.2807

Sweetspot

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



47.8747, 0.3651, 0.3931



95.1647, 0.3282, 0.3488



31.0400, 0.3693, 0.3110



20.2289, 0.3305, 0.3516



0.0000, 0.0000, 0.0000



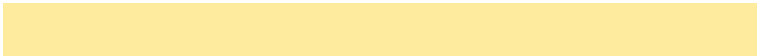
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8747, 0.3651, 0.3931



83.1900, 0.3768, 0.4064



51.2374, 0.3450, 0.4122



12.0322, 0.3270, 0.3472



23.6766, 0.4606, 0.4725



1.2173, 0.4504, 0.4806

Inverse Universe

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



29.9466, 0.2586, 0.2554



46.3512, 0.2461, 0.2371



27.7366, 0.2723, 0.2396



10.6350, 0.2983, 0.3101



3.7707, 0.1561, 0.0819



0.2849, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 47.8725, 0.3651, 0.3931 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 47.8725, 0.3651, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

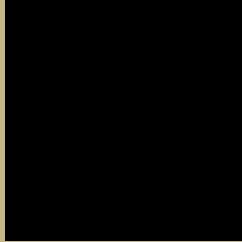
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8725, 0.3651, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 47.8725, 0.3651, 0.3931.



This preview shows how white text looks on a background with the Yxy color 47.8725, 0.3651, 0.3931.

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

47.8725, 0.3651, 0.3931

Protanopia

48.0080, 0.3660, 0.3929

Deuteranopia

47.5800, 0.3853, 0.3774



Tritanopia

47.9994, 0.3257, 0.3132

Trichromacy



Original Color

47.8725, 0.3651, 0.3931

Protanomaly

48.0080, 0.3660, 0.3929

Deuteranomaly

47.6911, 0.3784, 0.3833

Tritanomaly

47.9623, 0.3395, 0.3416

Monochromacy



Original Color

47.8725, 0.3651, 0.3931

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1484, 0.3306, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8725, 0.3651, 0.3931 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(197, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 134)  
}
```

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(197, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 134) }
```

Border

The CSS property to change the border of an element to Yxy 47.8725, 0.3651, 0.3931 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(197, 184, 134) }
```

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

```
.border{ border-color:rgb(197, 184, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8725, 0.3651, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 134) }
```

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

```
.background{ background-color: rgb(197,  
184, 134) }
```

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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