

Converting Colors

$Yxy(46.4277, 0.3837, 0.4127)$

Have a look what the booklet for
Yxy(46.4277, 0.3837, 0.4127)
contains.

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Color

Yxy(46.4277, 0.3837, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	C7B573
RGB	199, 181, 115
RGB Percent	78%, 71%, 45%
CMY	0.2197, 0.2901, 0.5490
CMYK	0.00, 0.09, 0.42, 0.22
HSL	47°, 43%, 62%
HSV	47°, 42%, 78%
XYZ	43.1653, 46.4277, 22.9045
YIQ	178.8580, 31.9140, -16.7100

Conversions

Conversions Part 2

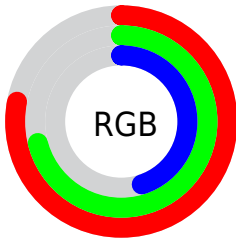
Format	Color
RYB	138, 199, 115
Decimal	13088115
CIELab	73.82, -2.84, 35.92
CIELCh	74, 36.032, 94.515
Yxy	46.4277, 0.3837, 0.4127
Android (android.graphics.Color)	4291278195 (0xFFC7B573)
YUV	178.8580, -31.4820, 17.6645
Hunter-Lab	68.1379, -6.1617, 27.7662

Details

The Yxy color $46.4277, 0.3837, 0.4127$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $24.5280, 0.2392, 0.2278$, and the grayscale version is $45.1570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6555, 0.3699, 0.3984$, and $21.7493, 0.4030, 0.4345$ is the 20% darker color. If you saturate the color by 10%, you get $44.3163, 0.4015, 0.4309$, and if you desaturate by 10%, it is $48.6951, 0.3657, 0.3930$.

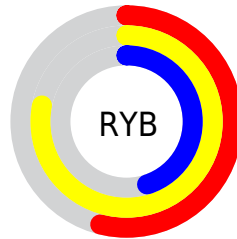
Distribution



Red (78%)

Green (71%)

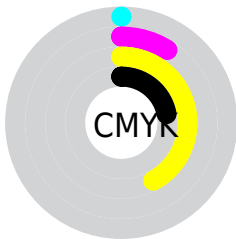
Blue (45%)



Red (54%)

Yellow (78%)

Blue (45%)

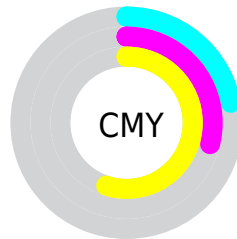


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4277, 0.3837, 0.4127 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 46.4277, 0.3837, 0.4127 by changing the saturation by 10% instead.


 46.4277, 0.3837,
0.4127

 46.4277, 0.3837,
0.4127


372.5255, 0.3491,
0.3714


 32.5835, 0.3918,
0.4225


 84.8587, 0.3715,
0.3980

 21.8075, 0.4017,
0.4348


 110.2143, 0.3668,
0.3923

 13.7156, 0.4140,
0.4503


 140.1758, 0.3628,
0.3875

 7.9231, 0.4292,
0.4700

175.1276, 0.3593,
0.3834

 4.0458, 0.4536,
0.5017

215.4540, 0.3563,
0.3798

 1.6992, 0.4706,
0.5294

261.5396, 0.3536,

 0.4231, 0.4403,

0.3767

0.5597

313.7686, 0.3512,
0.3739

0.0000, 0.0000,
0.0000

46.4277, 0.3837,
0.4127

46.4277, 0.3837,
0.4127

44.3163, 0.4015,
0.4309

48.6951, 0.3657,
0.3930

42.3475, 0.4185,
0.4467

51.1184, 0.3482,
0.3727

40.5159, 0.4338,
0.4590

53.7054, 0.3315,
0.3526

38.8127, 0.4468,
0.4671

56.4618, 0.3160,
0.3332

37.2276, 0.4569,
0.4704

59.3927, 0.3017,
0.3147

■ 36.0594, 0.4632,
0.4704

■ 62.5029, 0.2886,
0.2974

■ 65.7972, 0.2768,
0.2814

■ 67.9828, 0.2768,
0.2855

■ 70.1782, 0.2771,
0.2902

Harmonies

Analogous

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



46.4277, 0.4103, 0.3837



46.4277, 0.3837, 0.4127



46.4277, 0.3390, 0.4197

Triad

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



46.4277, 0.3837, 0.4127



46.4277, 0.2249, 0.3006



46.4277, 0.3308, 0.2732

Complementary

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



46.4277, 0.3837, 0.4127



24.5280, 0.2392, 0.2278

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.



46.4277, 0.2806, 0.2531



46.4277, 0.3837, 0.4127



46.4277, 0.2230, 0.2653

Square

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



46.4277, 0.3837, 0.4127



46.4277, 0.2482, 0.3497



46.4277, 0.2424, 0.2495



46.4277, 0.3793, 0.3058

Rectangle

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



46.4277, 0.3837, 0.4127



46.4277, 0.3057, 0.4073



46.4277, 0.2424, 0.2495



46.4277, 0.3134, 0.2649

Sweetspot

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



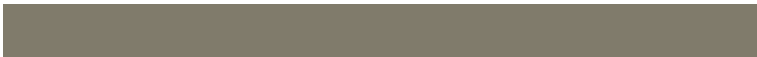
46.4299, 0.3837, 0.4127



93.6070, 0.3331, 0.3546



26.0974, 0.3966, 0.3051



19.8145, 0.3368, 0.3591



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.



46.4299, 0.3837, 0.4127



77.7846, 0.4007, 0.4302



51.2048, 0.3543, 0.4400



12.0172, 0.3270, 0.3471



23.3265, 0.4625, 0.4710



1.2034, 0.4518, 0.4795

Inverse Universe

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



24.5280, 0.2392, 0.2278



34.2783, 0.2209, 0.2000



21.8536, 0.2559, 0.2067



10.6490, 0.2983, 0.3103



3.8472, 0.1565, 0.0833



0.2912, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 46.4277, 0.3837, 0.4127 looks on a white background.

Color Contrast Check

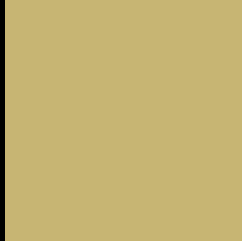
Large Text (above 18pt) WCAG AA × Fail

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 46.4277, 0.3837, 0.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

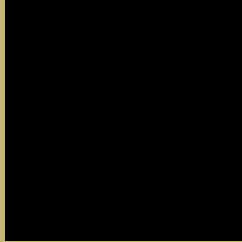
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

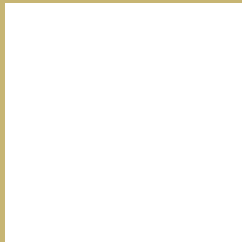
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4277, 0.3837, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 46.4277, 0.3837, 0.4127.



This preview shows how white text looks on a background with the Yxy color 46.4277, 0.3837, 0.4127.

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

46.4277, 0.3837, 0.4127

Protanopia

46.2913, 0.3828, 0.4130

Deuteranopia

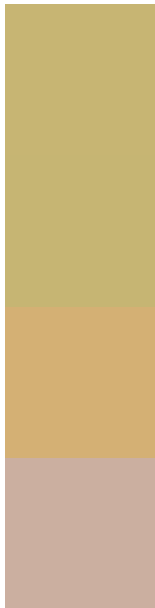
46.2316, 0.4054, 0.3956



Tritanopia

46.1720, 0.3315, 0.3119

Trichromacy



Original Color

46.4277, 0.3837, 0.4127

Protanomaly

46.2913, 0.3828, 0.4130

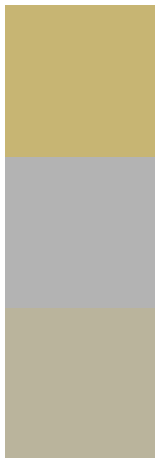
Deuteranomaly

46.3087, 0.3979, 0.4020

Tritanomaly

45.8945, 0.3511, 0.3480

Monochromacy



Original Color

46.4277, 0.3837, 0.4127

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.4819, 0.3378, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4277, 0.3837, 0.4127 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(199, 181, 115)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 115)  
}
```

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(199, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 115) }
```

Border

The CSS property to change the border of an element to Yxy 46.4277, 0.3837, 0.4127 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(199, 181, 115) }
```

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

```
.border{ border-color:rgb(199, 181, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 181, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 115);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4277, 0.3837, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 115) }
```

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

```
.background{ background-color: rgb(199,  
181, 115) }
```

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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