

Converting Colors

$Y_{xy}(29.1833, 0.3803, 0.3479)$

Have a look what the booklet for
Yxy(29.1833, 0.3803, 0.3479)
contains.

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Color

Yxy(29.1057, 0.3813, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	B7887B
RGB	183, 136, 123
RGB Percent	72%, 53%, 48%
CMY	0.2823, 0.4667, 0.5177
CMYK	0.00, 0.26, 0.33, 0.28
HSL	13°, 29%, 60%
HSV	13°, 33%, 72%
XYZ	31.9092, 29.1057, 22.6703
YIQ	148.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

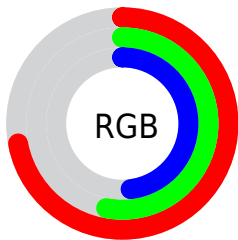
Format	Color
RYB	183, 140, 123
Decimal	12028027
CIELab	60.87, 16.15, 14.00
CIELCh	61, 21.375, 40.930
Yxy	29.1057, 0.3813, 0.3478
Android (android.graphics.Color)	4290218107 (0xFFB7887B)
YUV	148.5710, -12.6065, 30.1942
Hunter-Lab	53.9497, 11.1638, 12.8504

Details

The Yxy color $29.1057, 0.3813, 0.3478$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.3780, 0.2642, 0.3092$, and the grayscale version is $29.9098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0156, 0.3674, 0.3445$, and $11.8171, 0.4068, 0.3530$ is the 20% darker color. If you saturate the color by 10%, you get $24.9198, 0.4113, 0.3536$, and if you desaturate by 10%, it is $33.9199, 0.3559, 0.3418$.

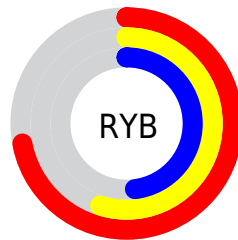
Distribution



Red (72%)

Green (53%)

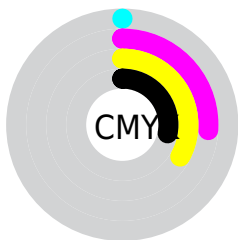
Blue (48%)



Red (72%)

Yellow (55%)

Blue (48%)

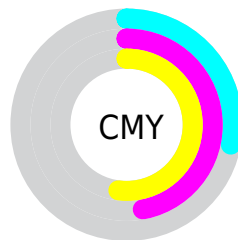


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1057, 0.3813, 0.3478 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 29.1057, 0.3813, 0.3478 by changing the saturation by 10% instead.


 29.1057, 0.3813,
0.3478


 29.1057, 0.3813,
0.3478


297.7134, 0.3440,
0.3386

 19.1608, 0.3917,
0.3499


 58.2450, 0.3670,
0.3445

 11.7865, 0.4057,
0.3525


 78.2081, 0.3618,
0.3433

 6.5985, 0.4257,
0.3556


 102.2795, 0.3576,
0.3422

 3.2123, 0.4559,
0.3588

130.8435, 0.3540,
0.3413

 1.2435, 0.5260,
0.3741

164.2845, 0.3509,
0.3405

 0.0968, 0.8339,
0.1661

202.9869, 0.3483,

 0.0000, 0.0000,

0.3398

0.0000

247.3350, 0.3460,
0.3392

■ 29.1057, 0.3813,
0.3478

■ 29.1057, 0.3813,
0.3478

■ 24.9198, 0.4113,
0.3536

■ 33.9199, 0.3559,
0.3418

■ 21.3321, 0.4460,
0.3588

■ 39.3829, 0.3347,
0.3360

■ 18.3160, 0.4847,
0.3624


■ 45.5192, 0.3171,
0.3305


■ 15.8413, 0.5251,
0.3637


■ 52.3508, 0.3024,
0.3254

■ 13.8749, 0.5638,
0.3615

■ 59.8987, 0.2903,
0.3207


 12.3796, 0.5960,
0.3557

 68.1830, 0.2800,
0.3165

 11.5648, 0.6144,
0.3504

 77.2231, 0.2715,
0.3127

 86.0752, 0.2711,
0.3242

 88.8088, 0.2716,
0.3289

Harmonies

Analogous

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



29.1057, 0.3645, 0.3190



29.1057, 0.3813, 0.3478



29.1057, 0.3783, 0.3739

Triad

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



29.1057, 0.3813, 0.3478



29.1057, 0.2901, 0.3686



29.1057, 0.2680, 0.2719

Complementary

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



29.1057, 0.3813, 0.3478



36.3780, 0.2642, 0.3092

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.



29.1057, 0.2506, 0.2811



29.1057, 0.3813, 0.3478



29.1057, 0.2627, 0.3364

Square

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



29.1057, 0.3813, 0.3478



29.1057, 0.3246, 0.3887



29.1057, 0.2487, 0.3040



29.1057, 0.2978, 0.2767

Rectangle

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



29.1057, 0.3813, 0.3478



29.1057, 0.3658, 0.3861



29.1057, 0.2487, 0.3040



29.1057, 0.2606, 0.2733

Sweetspot

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



29.1071, 0.3813, 0.3478



73.2990, 0.3298, 0.3345



27.1339, 0.3305, 0.2648



15.8611, 0.3324, 0.3353



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



29.1071, 0.3813, 0.3478



46.8716, 0.4013, 0.3518



38.7727, 0.3682, 0.3885



9.3195, 0.3282, 0.3340



8.1515, 0.6125, 0.3519



0.3796, 0.5630, 0.3912

Inverse Universe

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



36.3780, 0.2642, 0.3092



61.7881, 0.2550, 0.3044



26.3837, 0.2583, 0.2612



9.8712, 0.2985, 0.3239



16.2611, 0.2052, 0.2586



0.6567, 0.2108, 0.2788

Previews

White Background



This preview shows how the Yxy color 29.1057, 0.3813, 0.3478 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1057, 0.3813, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

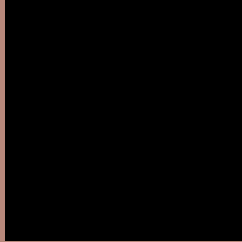
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1057, 0.3813, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 29.1057, 0.3813, 0.3478.



This preview shows how white text looks on a background with the Yxy color 29.1057, 0.3813, 0.3478.

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

29.1057, 0.3813, 0.3478

Protanopia

29.2960, 0.3390, 0.3591

Deuteranopia

29.0009, 0.3653, 0.3577



Tritanopia

29.0725, 0.3615, 0.3151

Trichromacy



Original Color

29.1057, 0.3813, 0.3478

Protanomaly

29.1506, 0.3546, 0.3551

Deuteranomaly

28.9843, 0.3719, 0.3543

Tritanomaly

29.0181, 0.3681, 0.3263

Monochromacy



Original Color

29.1057, 0.3813, 0.3478

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4170, 0.3351, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1057, 0.3813, 0.3478 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, 136, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 136, 123)  
}
```

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, 136, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 136, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.1057, 0.3813, 0.3478 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, 136, 123) }
```

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

```
.border{ border-color:rgb(183, 136, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 136, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 136, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 136, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 136,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1057, 0.3813, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 136, 123) }
```

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

```
.background{ background-color: rgb(183,  
136, 123) }
```

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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