

Converting Colors

$Yxy(30.6086, 0.3806, 0.3431)$

Have a look what the booklet for
Yxy(30.6086, 0.3806, 0.3431)
contains.

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Color

Yxy(30.5543, 0.3815, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	BD8A80
RGB	189, 138, 128
RGB Percent	74%, 54%, 50%
CMY	0.2587, 0.4588, 0.4981
CMYK	0.00, 0.27, 0.32, 0.26
HSL	10°, 32%, 62%
HSV	10°, 32%, 74%
XYZ	33.9740, 30.5543, 24.5254
YIQ	152.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

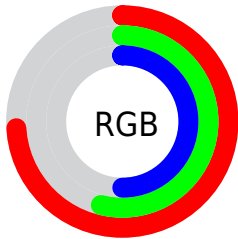
Format	Color
R _Y B	189, 140, 128
Decimal	12421760
CIE Lab	62.13, 18.08, 13.02
CIE LCh	62, 22.279, 35.755
Yxy	30.5543, 0.3815, 0.3431
Android (android.graphics.Color)	4290611840 (0xFFBD8A80)
YUV	152.1090, -11.8857, 32.3534
Hunter-Lab	55.2759, 12.9776, 12.3868

Details

The Yxy color **30.5543, 0.3815, 0.3431** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5085, 0.2654, 0.3143**, and the grayscale version is **31.4912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6283, 0.3667, 0.3410**, and **12.6123, 0.4047, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **25.8943, 0.4126, 0.3476**, and if you desaturate by 10%, it is **35.9697, 0.3555, 0.3385**.

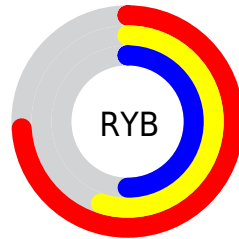
Distribution



Red (74%)

Green (54%)

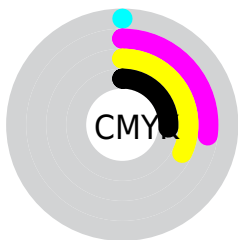
Blue (50%)



Red (74%)

Yellow (55%)

Blue (50%)

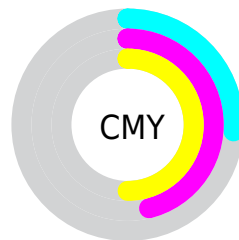


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5543, 0.3815, 0.3431 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 30.5543, 0.3815, 0.3431 by changing the saturation by 10% instead.

 30.5543, 0.3815,
0.3431


 30.5543, 0.3815,
0.3431


304.4797, 0.3443,
0.3365

 20.2597, 0.3917,
0.3445

 60.5377, 0.3673,
0.3408

 12.5840, 0.4055,
0.3462


 80.9952, 0.3622,
0.3399

 7.1427, 0.4250,
0.3480


 105.6092, 0.3579,
0.3392

 3.5515, 0.4543,
0.3495

134.7641, 0.3544,
0.3385

 1.4260, 0.5097,
0.3534

168.8441, 0.3513,
0.3379

 0.2358, 0.7384,
0.2616

208.2338, 0.3487,

 0.0000, 0.0000,

0.3374

0.0000

253.3176, 0.3464,
0.3369

■ 30.5543, 0.3815,
0.3431

■ 30.5543, 0.3815,
0.3431

■ 25.8943, 0.4126,
0.3476

■ 35.9697, 0.3555,
0.3385

■ 21.9518, 0.4489,
0.3514

■ 42.1675, 0.3340,
0.3341

■ 18.6921, 0.4895,
0.3541


■ 49.1789, 0.3163,
0.3299


■ 16.0760, 0.5322,
0.3547

■ 57.0318, 0.3017,
0.3261


■ 14.0601, 0.5726,
0.3526


■ 65.7530, 0.2897,
0.3226

 12.5956, 0.6054,
0.3475

 75.3680, 0.2797,
0.3194

 11.8009, 0.6239,
0.3428

 85.5550, 0.2740,
0.3221

 89.5613, 0.2747,
0.3289

Harmonies

Analogous

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



30.5543, 0.3612, 0.3138



30.5543, 0.3815, 0.3431



30.5543, 0.3819, 0.3708

Triad

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



30.5543, 0.3815, 0.3431



30.5543, 0.2953, 0.3745



30.5543, 0.2628, 0.2711

Complementary

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



30.5543, 0.3815, 0.3431



40.5085, 0.2654, 0.3143

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.



30.5543, 0.2476, 0.2829



30.5543, 0.3815, 0.3431



30.5543, 0.2655, 0.3426

Square

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



30.5543, 0.3815, 0.3431



30.5543, 0.3310, 0.3920



30.5543, 0.2485, 0.3085



30.5543, 0.2915, 0.2737

Rectangle

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



30.5543, 0.3815, 0.3431



30.5543, 0.3712, 0.3848



30.5543, 0.2485, 0.3085



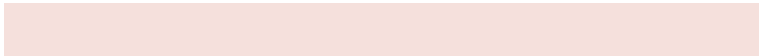
30.5543, 0.2560, 0.2734

Sweetspot

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



30.5557, 0.3815, 0.3431



78.0518, 0.3299, 0.3332



29.5469, 0.3259, 0.2607



16.4213, 0.3326, 0.3338



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.5557, 0.3815, 0.3431



48.4610, 0.4038, 0.3464



40.2591, 0.3690, 0.3826



9.7824, 0.3284, 0.3328



8.0147, 0.6222, 0.3442



0.3941, 0.5810, 0.3769

Inverse Universe

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



40.5085, 0.2654, 0.3143



69.1199, 0.2558, 0.3104



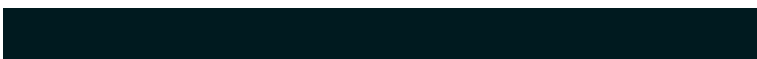
29.8694, 0.2599, 0.2687



10.5359, 0.2985, 0.3251



19.0224, 0.2102, 0.2766



0.8173, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 30.5543, 0.3815, 0.3431 looks on a white background.

Color Contrast Check

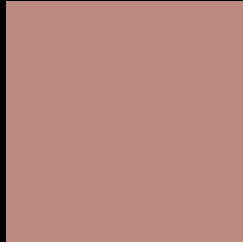
Large Text (above 18pt) WCAG AA × Fail

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 30.5543, 0.3815, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

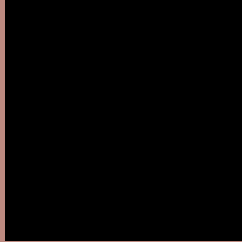
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5543, 0.3815, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 30.5543, 0.3815, 0.3431.



This preview shows how white text looks on a background with the Yxy color 30.5543, 0.3815, 0.3431.

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

30.5543, 0.3815, 0.3431

Protanopia

30.7020, 0.3356, 0.3539

Deuteranopia

30.6673, 0.3618, 0.3557



Tritanopia

30.4796, 0.3642, 0.3141

Trichromacy



Original Color

30.5543, 0.3815, 0.3431

Protanomaly

30.6587, 0.3517, 0.3500

Deuteranomaly

30.4620, 0.3697, 0.3509

Tritanomaly

30.4195, 0.3708, 0.3250

Monochromacy



Original Color

30.5543, 0.3815, 0.3431

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8499, 0.3357, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5543, 0.3815, 0.3431 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(189, 138, 128)` looks like.

```
.text, #text, p{  
  color:rgb(189, 138, 128)  
}
```

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(189, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 128) }
```

Border

The CSS property to change the border of an element to Yxy 30.5543, 0.3815, 0.3431 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(189, 138, 128) }
```

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

```
.border{ border-color:rgb(189, 138, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5543, 0.3815, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 128) }
```

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

```
.background{ background-color: rgb(189,  
138, 128) }
```

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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