

Converting Colors

$Yxy(29.2788, 0.3859, 0.3433)$

Have a look what the booklet for
Yxy(29.2788, 0.3859, 0.3433)
contains.

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Color

Yxy(29.1968, 0.3868, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	BC867C
RGB	188, 134, 124
RGB Percent	74%, 53%, 49%
CMY	0.2627, 0.4745, 0.5137
CMYK	0.00, 0.29, 0.34, 0.26
HSL	9°, 32%, 61%
HSV	9°, 34%, 74%
XYZ	32.9060, 29.1968, 22.9695
YIQ	149.0060, 35.3940, 8.3380

Conversions

Conversions Part 2

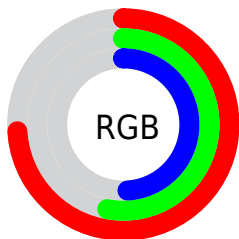
Format	Color
R _Y B	188, 136, 124
Decimal	12355196
CIE Lab	60.95, 19.39, 13.62
CIE LCh	61, 23.693, 35.096
Yxy	29.1968, 0.3868, 0.3432
Android (android.graphics.Color)	4290545276 (0xFFBC867C)
YUV	149.0060, -12.3280, 34.1977
Hunter-Lab	54.0341, 14.1443, 12.6201

Details

The Yxy color **29.1968, 0.3868, 0.3432** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7675, 0.2632, 0.3141**, and the grayscale version is **30.1002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1274, 0.3706, 0.3400**, and **11.8352, 0.4133, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **24.7053, 0.4190, 0.3474**, and if you desaturate by 10%, it is **34.4398, 0.3598, 0.3388**.

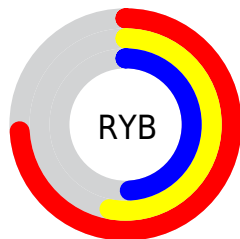
Distribution



Red (74%)

Green (53%)

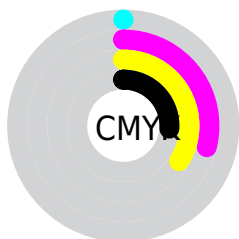
Blue (49%)



Red (74%)

Yellow (53%)

Blue (49%)

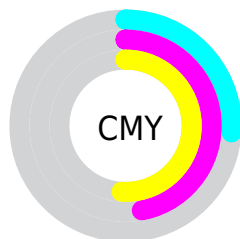


Cyan (0%)

Magenta (29%)

Yellow (34%)

Black (26%)



Cyan (26%)

Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1968, 0.3868, 0.3432 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 29.1968, 0.3868, 0.3432 by changing the saturation by 10% instead.


 29.1968, 0.3868,
0.3432


 29.1968, 0.3868,
0.3432


298.1424, 0.3465,
0.3366

 19.2297, 0.3980,
0.3446


 58.3896, 0.3713,
0.3410

 11.8364, 0.4132,
0.3461


 78.3842, 0.3658,
0.3401

 6.6324, 0.4347,
0.3476


 102.4900, 0.3612,
0.3393

 3.2333, 0.4673,
0.3484

131.0915, 0.3573,
0.3386

 1.2547, 0.5386,
0.3567

164.5731, 0.3540,
0.3380

 0.1057, 0.8444,
0.1556

203.3192, 0.3512,

 0.0000, 0.0000,

0.3375

0.0000

247.7142, 0.3487,
0.3370

■ 29.1968, 0.3868,
0.3432

■ 29.1968, 0.3868,
0.3432

■ 24.7053, 0.4190,
0.3474

■ 34.4398, 0.3598,
0.3388

■ 20.9267, 0.4564,
0.3509

■ 40.4624, 0.3375,
0.3346

■ 17.8254, 0.4979,
0.3531


■ 47.2960, 0.3192,
0.3305

■ 15.3609, 0.5408,
0.3532


■ 54.9695, 0.3041,
0.3268


■ 13.4882, 0.5804,
0.3506

■ 63.5100, 0.2917,
0.3234

 12.1563, 0.6112,
0.3452

 72.9436, 0.2814,
0.3204

 11.5903, 0.6251,
0.3419

 83.2555, 0.2732,
0.3182

 89.4340, 0.2742,
0.3289

Harmonies

Analogous

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



29.1968, 0.3644, 0.3119



29.1968, 0.3868, 0.3432



29.1968, 0.3877, 0.3732

Triad

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



29.1968, 0.3868, 0.3432



29.1968, 0.2946, 0.3790



29.1968, 0.2585, 0.2668

Complementary

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



29.1968, 0.3868, 0.3432



39.7675, 0.2632, 0.3141

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.



29.1968, 0.2426, 0.2797



29.1968, 0.3868, 0.3432



29.1968, 0.2624, 0.3445

Square

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



29.1968, 0.3868, 0.3432



29.1968, 0.3331, 0.3975



29.1968, 0.2439, 0.3074



29.1968, 0.2889, 0.2694

Rectangle

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



29.1968, 0.3868, 0.3432



29.1968, 0.3762, 0.3887



29.1968, 0.2439, 0.3074



29.1968, 0.2513, 0.2693

Sweetspot

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



29.1982, 0.3868, 0.3432



77.9486, 0.3300, 0.3330



28.3404, 0.3267, 0.2570



16.3964, 0.3326, 0.3335



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.



29.1982, 0.3868, 0.3432



46.5807, 0.4108, 0.3464



39.2813, 0.3725, 0.3856



9.7705, 0.3285, 0.3326



7.9611, 0.6234, 0.3432



0.3888, 0.5834, 0.3750

Inverse Universe

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



39.7675, 0.2632, 0.3141



68.6588, 0.2535, 0.3103



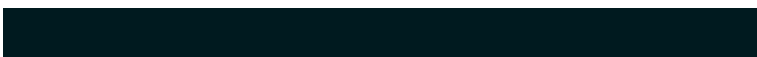
28.6003, 0.2568, 0.2649



10.5489, 0.2985, 0.3253



19.3611, 0.2109, 0.2792



0.8278, 0.2145, 0.2923

Previews

White Background



This preview shows how the Yxy color 29.1968, 0.3868, 0.3432 looks on a white background.

Color Contrast Check

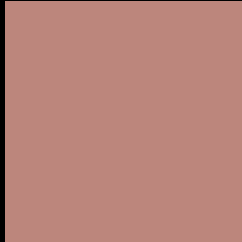
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1968, 0.3868, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

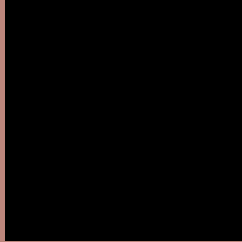
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1968, 0.3868, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 29.1968, 0.3868, 0.3432.



This preview shows how white text looks on a background with the Yxy color 29.1968, 0.3868, 0.3432.

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

29.1968, 0.3868, 0.3432

Protanopia

29.3762, 0.3360, 0.3543

Deuteranopia

29.3221, 0.3638, 0.3577



Tritanopia

29.1028, 0.3702, 0.3154

Trichromacy



Original Color

29.1968, 0.3868, 0.3432

Protanomaly

29.0115, 0.3539, 0.3504

Deuteranomaly

29.2424, 0.3731, 0.3526

Tritanomaly

29.0706, 0.3758, 0.3250

Monochromacy



Original Color

29.1968, 0.3868, 0.3432

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6265, 0.3372, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1968, 0.3868, 0.3432 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(188, 134, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 134, 124)  
}
```

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(188, 134, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 134, 124) }
```

Border

The CSS property to change the border of an element to Yxy 29.1968, 0.3868, 0.3432 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(188, 134, 124) }
```

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

```
.border{ border-color:rgb(188, 134, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 134, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 134, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 134, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 134,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1968, 0.3868, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 134, 124) }
```

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

```
.background{ background-color: rgb(188,  
134, 124) }
```

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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