

Converting Colors

$Y_{xy}(29.1818, 0.3828, 0.3458)$

Have a look what the booklet for
Yxy(29.1818, 0.3828, 0.3458)
contains.

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Color

Yxy(29.0975, 0.3829, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	B9877C
RGB	185, 135, 124
RGB Percent	73%, 53%, 49%
CMY	0.2744, 0.4706, 0.5138
CMYK	0.00, 0.27, 0.33, 0.27
HSL	11°, 30%, 61%
HSV	11°, 33%, 73%
XYZ	32.3127, 29.0975, 22.9793
YIQ	148.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

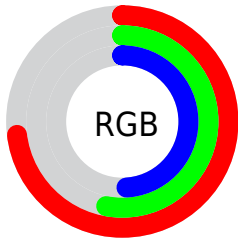
Format	Color
R _Y B	185, 137, 124
Decimal	12158844
CIE Lab	60.87, 17.64, 13.45
CIE LCh	61, 22.185, 37.336
Yxy	29.0975, 0.3829, 0.3448
Android (android.graphics.Color)	4290348924 (0xFFB9877C)
YUV	148.6960, -12.1751, 31.8386
Hunter-Lab	53.9421, 12.5275, 12.5020

Details

The Yxy color $29.0975, 0.3829, 0.3448$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.0662, 0.2644, 0.3124$, and the grayscale version is $29.9630, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0180, 0.3678, 0.3412$, and $11.7508, 0.4075, 0.3489$ is the 20% darker color. If you saturate the color by 10%, you get $24.7392, 0.4139, 0.3497$, and if you desaturate by 10%, it is $34.1493, 0.3569, 0.3398$.

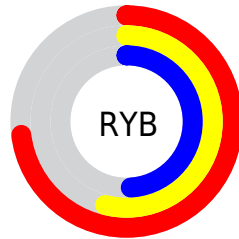
Distribution



Red (73%)

Green (53%)

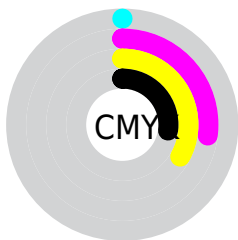
Blue (49%)



Red (73%)

Yellow (54%)

Blue (49%)

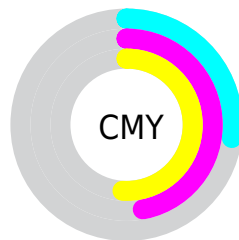


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0975, 0.3829, 0.3448 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 29.0975, 0.3829, 0.3448 by changing the saturation by 10% instead.


 29.0975, 0.3829,
0.3448


 29.0975, 0.3829,
0.3448


297.6747, 0.3447,
0.3372


 19.1546, 0.3935,
0.3465


 58.2320, 0.3682,
0.3422

 11.7820, 0.4079,
0.3484


 78.1923, 0.3630,
0.3412

 6.5954, 0.4284,
0.3506


 102.2606, 0.3586,
0.3403

 3.2104, 0.4595,
0.3525

130.8212, 0.3549,
0.3395

 1.2425, 0.5285,
0.3634

164.2585, 0.3518,
0.3388

 0.0960, 0.8446,
0.1554

202.9569, 0.3491,

 0.0000, 0.0000,

0.3382

0.0000

247.3009, 0.3468,
0.3377

■ 29.0975, 0.3829,
0.3448

■ 29.0975, 0.3829,
0.3448

■ 24.7392, 0.4139,
0.3497

■ 34.1493, 0.3569,
0.3398

■ 21.0398, 0.4499,
0.3539

■ 39.9187, 0.3352,
0.3349

■ 17.9683, 0.4901,
0.3567


■ 46.4340, 0.3174,
0.3303


■ 15.4892, 0.5321,
0.3574

■ 53.7205, 0.3027,
0.3261

■ 13.5635, 0.5717,
0.3551

■ 61.8025, 0.2905,
0.3222

 12.1473, 0.6039,
0.3495

 70.7030, 0.2803,
0.3187

 11.4247, 0.6211,
0.3450

 80.4444, 0.2719,
0.3155

 89.0567, 0.2726,
0.3289

Harmonies

Analogous

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



29.0975, 0.3633, 0.3151



29.0975, 0.3829, 0.3448



29.0975, 0.3822, 0.3726

Triad

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



29.0975, 0.3829, 0.3448



29.0975, 0.2933, 0.3736



29.0975, 0.2634, 0.2702

Complementary

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



29.0975, 0.3829, 0.3448



38.0662, 0.2644, 0.3124

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.



29.0975, 0.2473, 0.2814



29.0975, 0.3829, 0.3448



29.0975, 0.2636, 0.3409

Square

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



29.0975, 0.3829, 0.3448



29.0975, 0.3293, 0.3924



29.0975, 0.2473, 0.3066



29.0975, 0.2930, 0.2736

Rectangle

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



29.0975, 0.3829, 0.3448



29.0975, 0.3707, 0.3864



29.0975, 0.2473, 0.3066



29.0975, 0.2564, 0.2723

Sweetspot

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



29.0989, 0.3829, 0.3448



74.6306, 0.3299, 0.3336



27.8194, 0.3273, 0.2606



15.7500, 0.3325, 0.3342



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.



29.0989, 0.3829, 0.3448



46.0088, 0.4062, 0.3486



38.5658, 0.3698, 0.3850



9.2672, 0.3283, 0.3332



7.8559, 0.6193, 0.3465



0.3574, 0.5734, 0.3829

Inverse Universe

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



38.0662, 0.2644, 0.3124



64.6477, 0.2543, 0.3080



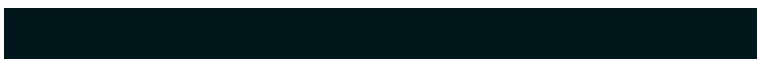
27.8363, 0.2586, 0.2657



9.9277, 0.2985, 0.3248



17.6936, 0.2087, 0.2711



0.6966, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 29.0975, 0.3829, 0.3448 looks on a white background.

Color Contrast Check

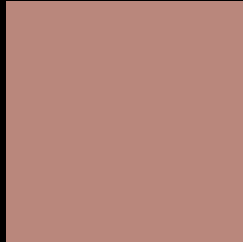
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0975, 0.3829, 0.3448 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 29.0975, 0.3829, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 29.0975, 0.3829, 0.3448.



This preview shows how white text looks on a background with the Yxy color 29.0975, 0.3829, 0.3448.

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

29.0975, 0.3829, 0.3448

Protanopia

29.3492, 0.3370, 0.3559

Deuteranopia

29.3221, 0.3638, 0.3577



Tritanopia

29.0203, 0.3652, 0.3152

Trichromacy



Original Color

29.0975, 0.3829, 0.3448

Protanomaly

29.2028, 0.3524, 0.3520

Deuteranomaly

29.0093, 0.3708, 0.3528

Tritanomaly

28.9634, 0.3720, 0.3264

Monochromacy



Original Color

29.0975, 0.3829, 0.3448

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5213, 0.3362, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0975, 0.3829, 0.3448 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(185, 135, 124)` looks like.

```
.text, #text, p{  
    color:rgb(185, 135, 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(185, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 135, 124) }
```

Border

The CSS property to change the border of an element to Yxy 29.0975, 0.3829, 0.3448 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(185, 135, 124) }
```

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

```
.border{ border-color:rgb(185, 135, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(185, 135,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0975, 0.3829, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 135, 124) }
```

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

```
.background{ background-color: rgb(185,  
135, 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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