

Converting Colors

$Yxy(29.5323, 0.3860, 0.3492)$

Have a look what the booklet for
Yxy(29.5323, 0.3860, 0.3492)
contains.

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Color

Yxy(29.4526, 0.3859, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	BA887A
RGB	186, 136, 122
RGB Percent	73%, 53%, 48%
CMY	0.2706, 0.4666, 0.5217
CMYK	0.00, 0.27, 0.34, 0.27
HSL	13°, 32%, 60%
HSV	13°, 34%, 73%
XYZ	32.5666, 29.4526, 22.3722
YIQ	149.3540, 34.2940, 6.2460

Conversions

Conversions Part 2

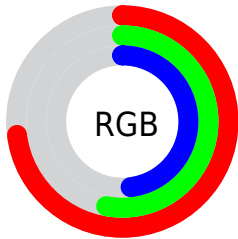
Format	Color
R _{YB}	186, 140, 122
Decimal	12224634
CIE Lab	61.18, 17.21, 15.05
CIE LCh	61, 22.861, 41.172
Yxy	29.4526, 0.3859, 0.3490
Android (android.graphics.Color)	4290414714 (0xFFBA887A)
YUV	149.3540, -13.4855, 32.1385
Hunter-Lab	54.2702, 12.1418, 13.5477

Details

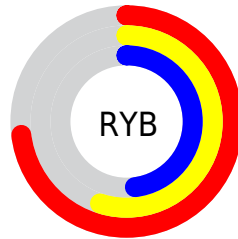
The Yxy color $29.4526, 0.3859, 0.3490$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.1775, 0.2619, 0.3078$, and the grayscale version is $30.2591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9376, 0.3706, 0.3466$, and $11.9619, 0.4118, 0.3546$ is the 20% darker color. If you saturate the color by 10%, you get $25.2182, 0.4167, 0.3548$, and if you desaturate by 10%, it is $34.3325, 0.3598, 0.3429$.

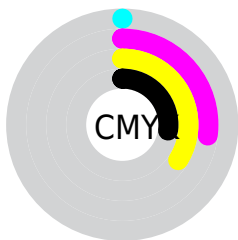
Distribution



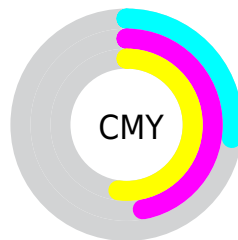
- Red (73%)
- Green (53%)
- Blue (48%)



- Red (73%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (27%)





- Cyan (27%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4526, 0.3859, 0.3490 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 29.4526, 0.3859, 0.3490 by changing the saturation by 10% instead.


 29.4526, 0.3859,
0.3490

 29.4526, 0.3859,
0.3490


299.3445, 0.3462,
0.3393

 19.4235, 0.3969,
0.3512


 58.7954, 0.3707,
0.3456

 11.9767, 0.4118,
0.3538


 78.8779, 0.3652,
0.3443

 6.7278, 0.4328,
0.3569


 103.0803, 0.3606,
0.3432

 3.2925, 0.4645,
0.3599

131.7869, 0.3568,
0.3422

 1.2863, 0.5383,
0.3755

165.3823, 0.3536,
0.3413

 0.1305, 0.8065,
0.1935

204.2508, 0.3508,

 0.0000, 0.0000,

0.3406

0.0000

248.7767, 0.3483,
0.3399

■ 29.4526, 0.3859,
0.3490

■ 29.4526, 0.3859,
0.3490

■ 25.2182, 0.4167,
0.3548

■ 34.3325, 0.3598,
0.3429

■ 21.5980, 0.4521,
0.3599

■ 39.8793, 0.3379,
0.3370

■ 18.5641, 0.4912,
0.3632

■ 46.1185, 0.3197,
0.3314


■ 16.0849, 0.5316,
0.3640


■ 53.0730, 0.3046,
0.3261


■ 14.1256, 0.5695,
0.3612


■ 60.7648, 0.2921,
0.3214


 12.6471, 0.6001,
0.3547

 69.2147, 0.2816,
0.3170

 12.0090, 0.6141,
0.3506

 78.4429, 0.2727,
0.3131

 87.4101, 0.2728,
0.3259

 89.1800, 0.2731,
0.3289

Harmonies

Analogous

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



29.4526, 0.3682, 0.3185



29.4526, 0.3859, 0.3490



29.4526, 0.3824, 0.3767

Triad

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



29.4526, 0.3859, 0.3490



29.4526, 0.2883, 0.3711



29.4526, 0.2654, 0.2684

Complementary

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



29.4526, 0.3859, 0.3490



37.1775, 0.2619, 0.3078

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.



29.4526, 0.2469, 0.2778



29.4526, 0.3859, 0.3490



29.4526, 0.2594, 0.3365

Square

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



29.4526, 0.3859, 0.3490



29.4526, 0.3249, 0.3928



29.4526, 0.2447, 0.3019



29.4526, 0.2971, 0.2737

Rectangle

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



29.4526, 0.3859, 0.3490



29.4526, 0.3690, 0.3899



29.4526, 0.2447, 0.3019



29.4526, 0.2575, 0.2698

Sweetspot

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



29.4540, 0.3859, 0.3490



76.9382, 0.3298, 0.3345



27.3364, 0.3316, 0.2615



16.5971, 0.3324, 0.3354



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.



29.4540, 0.3859, 0.3490



47.7009, 0.4078, 0.3533



39.7997, 0.3713, 0.3916



9.3228, 0.3282, 0.3341



8.1718, 0.6120, 0.3523



0.3810, 0.5623, 0.3917

Inverse Universe

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



37.1775, 0.2619, 0.3078



63.7019, 0.2523, 0.3026



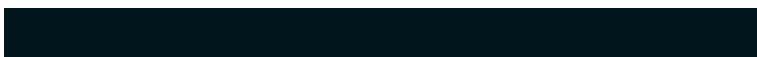
26.4715, 0.2553, 0.2572



9.8677, 0.2985, 0.3239



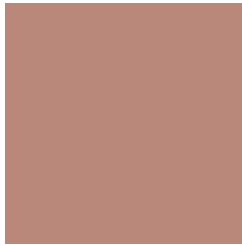
16.1739, 0.2050, 0.2578



0.6542, 0.2106, 0.2782

Previews

White Background



This preview shows how the Yxy color 29.4526, 0.3859, 0.3490 looks on a white background.

Color Contrast Check

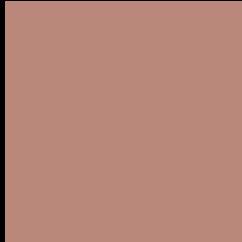
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4526, 0.3859, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

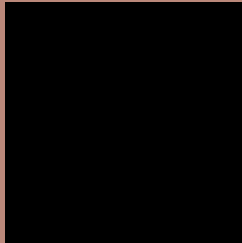
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4526, 0.3859, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 29.4526, 0.3859, 0.3490.



This preview shows how white text looks on a background with the Yxy color 29.4526, 0.3859, 0.3490.

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

29.4526, 0.3859, 0.3490

Protanopia

29.7069, 0.3399, 0.3606

Deuteranopia

29.4971, 0.3683, 0.3605



Tritanopia

29.4496, 0.3649, 0.3153

Trichromacy



Original Color

29.4526, 0.3859, 0.3490

Protanomaly

29.5599, 0.3554, 0.3565

Deuteranomaly

29.4838, 0.3749, 0.3570

Tritanomaly

29.3643, 0.3727, 0.3278

Monochromacy



Original Color

29.4526, 0.3859, 0.3490

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4920, 0.3372, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4526, 0.3859, 0.3490 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(186, 136, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 136, 122)  
}
```

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(186, 136, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.4526, 0.3859, 0.3490 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(186, 136, 122) }
```

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

```
.border{ border-color:rgb(186, 136, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 136, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4526, 0.3859, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 136, 122) }
```

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

```
.background{ background-color: rgb(186,  
136, 122) }
```

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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