

Converting Colors

$Y_{xy}(29.2742, 0.3903, 0.3459)$

Have a look what the booklet for
Yxy(29.2742, 0.3903, 0.3459)
contains.

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Color

Yxy(29.2742, 0.3903, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	BD867A
RGB	189, 134, 122
RGB Percent	74%, 53%, 48%
CMY	0.2587, 0.4746, 0.5215
CMYK	0.00, 0.29, 0.35, 0.26
HSL	11°, 34%, 61%
HSV	11°, 35%, 74%
XYZ	33.0319, 29.2742, 22.3259
YIQ	149.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

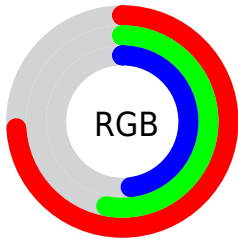
Format	Color
R_{YB}	189, 137, 122
Decimal	12420730
CIE _{Lab}	61.02, 19.54, 14.86
CIE _{LCh}	61, 24.549, 37.257
Yxy	29.2742, 0.3903, 0.3459
Android (android.graphics.Color)	4290610810 (0xFFBD867A)
YUV	149.0770, -13.3490, 35.0125
Hunter-Lab	54.1056, 14.2906, 13.4088

Details

The Yxy color **29.2742, 0.3903, 0.3459** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2844, 0.2610, 0.3112**, and the grayscale version is **30.1362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3708, 0.3749, 0.3432**, and **11.8900, 0.4185, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **24.8705, 0.4227, 0.3506**, and if you desaturate by 10%, it is **34.4020, 0.3630, 0.3409**.

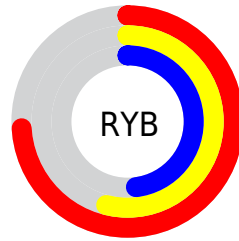
Distribution



Red (74%)

Green (53%)

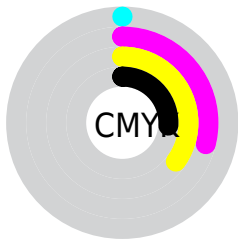
Blue (48%)



Red (74%)

Yellow (54%)

Blue (48%)

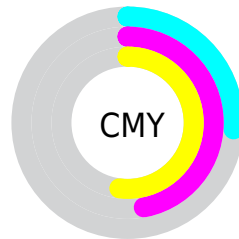


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2742, 0.3903, 0.3459 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 29.2742, 0.3903, 0.3459 by changing the saturation by 10% instead.


 29.2742, 0.3903,
0.3459


 29.2742, 0.3903,
0.3459


298.5065, 0.3481,
0.3380

 19.2883, 0.4020,
0.3476


 58.5125, 0.3741,
0.3432

 11.8788, 0.4178,
0.3495


 78.5336, 0.3683,
0.3421

 6.6612, 0.4402,
0.3514


 102.6687, 0.3635,
0.3412

 3.2511, 0.4740,
0.3526

131.3021, 0.3594,
0.3404

 1.2642, 0.5519,
0.3646

164.8182, 0.3560,
0.3397

 0.1132, 0.8377,
0.1623

203.6014, 0.3530,


 0.0000, 0.0000,

0.3390


0.0000


248.0360, 0.3504,
0.3385


 29.2742, 0.3903,
0.3459


 29.2742, 0.3903,
0.3459


 24.8705, 0.4227,
0.3506


 34.4020, 0.3630,
0.3409


 21.1541, 0.4600,
0.3545

 40.2803, 0.3403,
0.3360


 18.0911, 0.5011,
0.3569


 46.9393, 0.3215,
0.3314

 15.6432, 0.5430,
0.3568

 54.4061, 0.3061,
0.3271

 13.7677, 0.5813,
0.3537

 62.7069, 0.2933,
0.3232

 12.4163, 0.6108,
0.3474

 71.8663, 0.2827,
0.3196

 11.9546, 0.6216,
0.3446

 81.9081, 0.2738,
0.3163

 89.5637, 0.2747,
0.3289

Harmonies

Analogous

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



29.2742, 0.3685, 0.3135



29.2742, 0.3903, 0.3459



29.2742, 0.3895, 0.3765

Triad

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



29.2742, 0.3903, 0.3459



29.2742, 0.2912, 0.3787



29.2742, 0.2584, 0.2644

Complementary

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



29.2742, 0.3903, 0.3459



39.2844, 0.2610, 0.3112

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.



29.2742, 0.2409, 0.2764



29.2742, 0.3903, 0.3459



29.2742, 0.2587, 0.3421

Square

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



29.2742, 0.3903, 0.3459



29.2742, 0.3309, 0.3994



29.2742, 0.2409, 0.3040



29.2742, 0.2908, 0.2683

Rectangle

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



29.2742, 0.3903, 0.3459



29.2742, 0.3766, 0.3920



29.2742, 0.2409, 0.3040



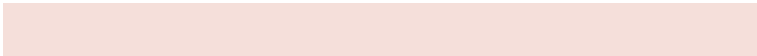
29.2742, 0.2507, 0.2666

Sweetspot

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



29.2756, 0.3903, 0.3459



77.0375, 0.3318, 0.3340



27.9551, 0.3286, 0.2553



16.2255, 0.3344, 0.3346



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.



29.2756, 0.3903, 0.3459



45.8261, 0.4166, 0.3498



39.7555, 0.3748, 0.3894



9.8046, 0.3284, 0.3332



8.1213, 0.6197, 0.3461



0.4038, 0.5767, 0.3803

Inverse Universe

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



39.2844, 0.2610, 0.3112



66.5063, 0.2505, 0.3064



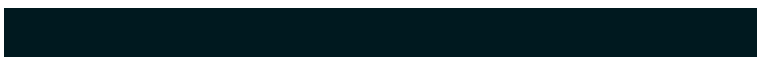
27.8686, 0.2541, 0.2599



10.5117, 0.2985, 0.3248



18.3996, 0.2088, 0.2716



0.7978, 0.2130, 0.2868

Previews

White Background



This preview shows how the Yxy color 29.2742, 0.3903, 0.3459 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 29.2742, 0.3903, 0.3459 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 29.2742, 0.3903, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 29.2742, 0.3903, 0.3459.



This preview shows how white text looks on a background with the Yxy color 29.2742, 0.3903, 0.3459.

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

29.2742, 0.3903, 0.3459

Protanopia

29.4210, 0.3391, 0.3574

Deuteranopia

29.3844, 0.3672, 0.3606



Tritanopia

29.2321, 0.3713, 0.3154

Trichromacy



Original Color

29.2742, 0.3903, 0.3459

Protanomaly

29.0678, 0.3572, 0.3534

Deuteranomaly

29.3107, 0.3764, 0.3554

Tritanomaly

29.1709, 0.3781, 0.3264

Monochromacy



Original Color

29.2742, 0.3903, 0.3459

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7031, 0.3394, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2742, 0.3903, 0.3459 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, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 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(189, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.2742, 0.3903, 0.3459 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, 134, 122) }
```

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

```
.border{ border-color:rgb(189, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 134, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 134, 122); box-shadow:4px 4px 4px 4px rgb(189, 134, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2742, 0.3903, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 122) }
```

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

```
.background{ background-color: rgb(189,  
134, 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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