

Converting Colors

$Yxy(28.8821, 0.4096, 0.3488)$

Have a look what the booklet for
Yxy(28.8821, 0.4096, 0.3488)
contains.

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Color

Yxy(29.0734, 0.4098, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	C58273
RGB	197, 130, 115
RGB Percent	77%, 51%, 45%
CMY	0.2275, 0.4901, 0.5490
CMYK	0.00, 0.34, 0.42, 0.23
HSL	11°, 41%, 61%
HSV	11°, 42%, 77%
XYZ	34.0993, 29.0734, 20.0368
YIQ	148.3230, 44.7470, 9.5390

Conversions

Conversions Part 2

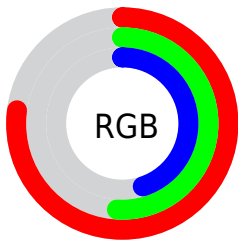
Format	Color
RYB	197, 133, 115
Decimal	12943987
CIELab	60.85, 24.05, 18.73
CIElCh	61, 30.483, 37.922
Yxy	29.0734, 0.4098, 0.3494
Android (android.graphics.Color)	4291134067 (0xFFC58273)
YUV	148.3230, -16.4282, 42.6897
Hunter-Lab	53.9198, 18.5252, 15.7114

Details

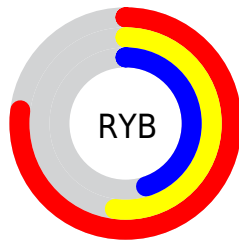
The Yxy color **29.0734, 0.4098, 0.3494** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1203, 0.2528, 0.3070**, and the grayscale version is **29.8133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9170, 0.3892, 0.3460**, and **11.8053, 0.4441, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **24.7167, 0.4453, 0.3538**, and if you desaturate by 10%, it is **34.1993, 0.3793, 0.3444**.

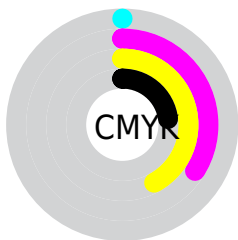
Distribution



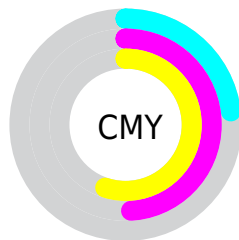
- Red (77%)
- Green (51%)
- Blue (45%)



- Red (77%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0734, 0.4098, 0.3494 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 29.0734, 0.4098, 0.3494 by changing the saturation by 10% instead.


 29.0734, 0.4098,
0.3494

 29.0734, 0.4098,
0.3494


297.5611, 0.3570,
0.3403


 19.1364, 0.4244,
0.3511


 58.1937, 0.3896,
0.3465

 11.7688, 0.4440,
0.3528


 78.1457, 0.3823,
0.3452

 6.5865, 0.4715,
0.3539


 102.2049, 0.3762,
0.3442

 3.2049, 0.5122,
0.3530

130.7555, 0.3712,
0.3432

 1.2396, 0.6261,
0.3739

164.1821, 0.3668,
0.3423

 0.0937, 0.8783,
0.1217

202.8689, 0.3631,

 0.0000, 0.0000,

0.3416

0.0000

247.2005, 0.3598,
0.3409

■ 29.0734, 0.4098,
0.3494

■ 29.0734, 0.4098,
0.3494

■ 24.7167, 0.4453,
0.3538

■ 34.1993, 0.3793,
0.3444

■ 21.0878, 0.4852,
0.3569

■ 40.1249, 0.3538,
0.3393

■ 18.1476, 0.5272,
0.3579


■ 46.8841, 0.3327,
0.3344


■ 15.8516, 0.5674,
0.3559

■ 54.5076, 0.3152,
0.3297

■ 14.1498, 0.6007,
0.3506

■ 63.0247, 0.3008,
0.3254

 13.1328, 0.6212,
0.3449

 72.4630, 0.2889,
0.3215

 82.8492, 0.2790,
0.3180

 90.6073, 0.2789,
0.3289

Harmonies

Analogous

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



29.0734, 0.3831, 0.3102



29.0734, 0.4098, 0.3494



29.0734, 0.4075, 0.3872

Triad

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



29.0734, 0.4098, 0.3494



29.0734, 0.2844, 0.3910



29.0734, 0.2466, 0.2498

Complementary

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



29.0734, 0.4098, 0.3494



41.1203, 0.2528, 0.3070

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.



29.0734, 0.2251, 0.2632



29.0734, 0.4098, 0.3494



29.0734, 0.2453, 0.3437

Square

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



29.0734, 0.4098, 0.3494



29.0734, 0.3332, 0.4175



29.0734, 0.2245, 0.2961



29.0734, 0.2862, 0.2553

Rectangle

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



29.0734, 0.4098, 0.3494



29.0734, 0.3907, 0.4070



29.0734, 0.2245, 0.2961



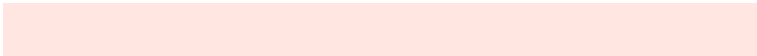
29.0734, 0.2372, 0.2521

Sweetspot

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



29.0748, 0.4098, 0.3494



83.2582, 0.3338, 0.3346



27.5632, 0.3322, 0.2426



17.4606, 0.3364, 0.3353



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.0748, 0.4098, 0.3494



44.8875, 0.4421, 0.3535



41.7258, 0.3876, 0.4001



10.9458, 0.3285, 0.3333



8.7300, 0.6193, 0.3464



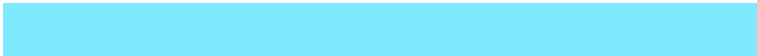
0.5116, 0.5808, 0.3770

Inverse Universe

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



41.1203, 0.2528, 0.3070



69.2918, 0.2419, 0.3013



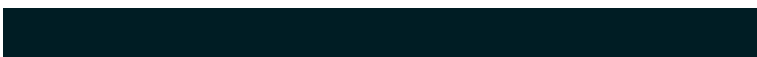
27.1209, 0.2429, 0.2452



11.7246, 0.2984, 0.3247



19.5152, 0.2083, 0.2699



1.0124, 0.2121, 0.2836

Previews

White Background



This preview shows how the Yxy color 29.0734, 0.4098, 0.3494 looks on a white background.

Color Contrast Check

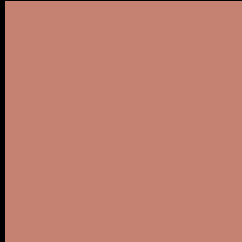
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0734, 0.4098, 0.3494 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 29.0734, 0.4098, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 29.0734, 0.4098, 0.3494.



This preview shows how white text looks on a background with the Yxy color 29.0734, 0.4098, 0.3494.

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

29.0734, 0.4098, 0.3494

Protanopia

29.2661, 0.3452, 0.3671

Deuteranopia

29.1262, 0.3786, 0.3708



Tritanopia

29.0984, 0.3880, 0.3173

Trichromacy



Original Color

29.0734, 0.4098, 0.3494

Protanomaly

28.9519, 0.3675, 0.3608

Deuteranomaly

29.0513, 0.3899, 0.3622

Tritanomaly

29.0026, 0.3962, 0.3292

Monochromacy



Original Color

29.0734, 0.4098, 0.3494

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9343, 0.3455, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0734, 0.4098, 0.3494 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(197, 130, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 115)  
}
```

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(197, 130, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 115) }
```

Border

The CSS property to change the border of an element to Yxy 29.0734, 0.4098, 0.3494 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(197, 130, 115) }
```

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

```
.border{ border-color:rgb(197, 130, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 130, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 130, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 130, 115); box-shadow:4px 4px 4px 4px rgb(197, 130, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0734, 0.4098, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 115) }
```

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

```
.background{ background-color: rgb(197,  
130, 115) }
```

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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