

Converting Colors

$Y_{xy}(29.4878, 0.4011, 0.3563)$

Have a look what the booklet for
Yxy(29.4878, 0.4011, 0.3563)
contains.

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Color

Yxy(29.3644, 0.4007, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	BF8673
RGB	191, 134, 115
RGB Percent	75%, 53%, 45%
CMY	0.2510, 0.4745, 0.5489
CMYK	0.00, 0.30, 0.40, 0.25
HSL	15°, 37%, 60%
HSV	15°, 40%, 75%
XYZ	33.1072, 29.3644, 20.1519
YIQ	148.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

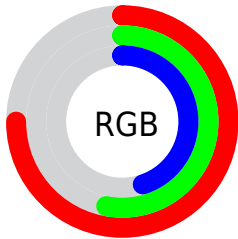
Format	Color
R_{YB}	191, 140, 115
Decimal	12551795
CIE _{Lab}	61.10, 19.47, 18.96
CIE _{LCh}	61, 27.172, 44.242
Yxy	29.3644, 0.4007, 0.3554
Android (android.graphics.Color)	4290741875 (0xFFBF8673)
YUV	148.8770, -16.7014, 36.9419
Hunter-Lab	54.1889, 14.2257, 15.8834

Details

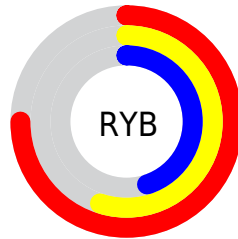
The Yxy color **29.3644, 0.4007, 0.3554** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9259, 0.2541, 0.3004**, and the grayscale version is **30.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4704, 0.3826, 0.3506**, and **11.8968, 0.4304, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **25.2738, 0.4332, 0.3617**, and if you desaturate by 10%, it is **34.0858, 0.3727, 0.3486**.

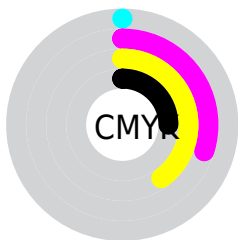
Distribution



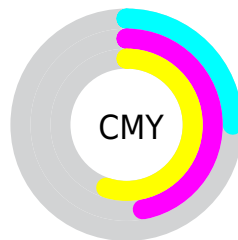
- Red (75%)
- Green (53%)
- Blue (45%)



- Red (75%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3644, 0.4007, 0.3554 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 29.3644, 0.4007, 0.3554 by changing the saturation by 10% instead.


 29.3644, 0.4007,
0.3554

 29.3644, 0.4007,
0.3554


298.9304, 0.3529,
0.3428


 19.3567, 0.4139,
0.3582


 58.6555, 0.3824,
0.3511

 11.9283, 0.4315,
0.3613


 78.7077, 0.3758,
0.3493

 6.6949, 0.4563,
0.3648


 102.8769, 0.3704,
0.3479

 3.2720, 0.4931,
0.3675

131.5473, 0.3658,
0.3466

 1.2753, 0.5991,
0.3969

165.1035, 0.3619,
0.3454

 0.1220, 0.8289,
0.1711

203.9299, 0.3585,

 0.0000, 0.0000,

0.3444

0.0000

248.4107, 0.3555,
0.3436

■ 29.3644, 0.4007,
0.3554

■ 29.3644, 0.4007,
0.3554

■ 25.2738, 0.4332,
0.3617

■ 34.0858, 0.3727,
0.3486

■ 21.7826, 0.4697,
0.3666

■ 39.4592, 0.3489,
0.3417

■ 18.8631, 0.5086,
0.3692


■ 45.5099, 0.3290,
0.3351


■ 16.4835, 0.5471,
0.3684


■ 52.2608, 0.3124,
0.3289

■ 14.6086, 0.5810,
0.3635

■ 59.7334, 0.2985,
0.3231


 13.1928, 0.6076,
0.3555

 67.9486, 0.2868,
0.3179

 13.1655, 0.6081,
0.3553

 76.9261, 0.2770,
0.3132

 85.8307, 0.2751,
0.3221

 89.8166, 0.2757,
0.3289

Harmonies

Analogous

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



29.3644, 0.3820, 0.3197



29.3644, 0.4007, 0.3554



29.3644, 0.3936, 0.3877

Triad

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



29.3644, 0.4007, 0.3554



29.3644, 0.2794, 0.3758



29.3644, 0.2599, 0.2576

Complementary

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



29.3644, 0.4007, 0.3554



36.9259, 0.2541, 0.3004

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.



29.3644, 0.2367, 0.2663



29.3644, 0.4007, 0.3554



29.3644, 0.2470, 0.3330

Square

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



29.3644, 0.4007, 0.3554



29.3644, 0.3221, 0.4042



29.3644, 0.2321, 0.2926



29.3644, 0.2983, 0.2657

Rectangle

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



29.3644, 0.4007, 0.3554



29.3644, 0.3759, 0.4028



29.3644, 0.2321, 0.2926



29.3644, 0.2502, 0.2586

Sweetspot

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



29.3658, 0.4007, 0.3554



78.7760, 0.3335, 0.3366



26.3731, 0.3368, 0.2524



16.9772, 0.3360, 0.3375



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



29.3658, 0.4007, 0.3554



45.9583, 0.4297, 0.3611



41.3440, 0.3811, 0.4030



9.9131, 0.3282, 0.3348



8.7619, 0.6058, 0.3572



0.4510, 0.5576, 0.3954

Inverse Universe

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



36.9259, 0.2541, 0.3004



61.3637, 0.2425, 0.2927



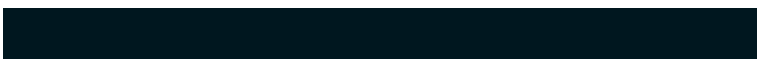
24.8178, 0.2451, 0.2415



10.3950, 0.2985, 0.3231



15.5759, 0.2020, 0.2471



0.7080, 0.2081, 0.2690

Previews

White Background



This preview shows how the Yxy color 29.3644, 0.4007, 0.3554 looks on a white background.

Color Contrast Check

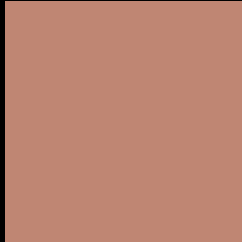
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3644, 0.4007, 0.3554 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 29.3644, 0.4007, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 29.3644, 0.4007, 0.3554.



This preview shows how white text looks on a background with the Yxy color 29.3644, 0.4007, 0.3554.

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

29.3644, 0.4007, 0.3554

Protanopia

29.3158, 0.3484, 0.3701

Deuteranopia

29.4451, 0.3771, 0.3708



Tritanopia

29.1962, 0.3751, 0.3156

Trichromacy



Original Color

29.3644, 0.4007, 0.3554

Protanomaly

29.1129, 0.3671, 0.3639

Deuteranomaly

29.3834, 0.3866, 0.3653

Tritanomaly

29.0778, 0.3844, 0.3292

Monochromacy



Original Color

29.3644, 0.4007, 0.3554

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6452, 0.3415, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3644, 0.4007, 0.3554 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(191, 134, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 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(191, 134, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 115) }
```

Border

The CSS property to change the border of an element to Yxy 29.3644, 0.4007, 0.3554 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(191, 134, 115) }
```

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

```
.border{ border-color:rgb(191, 134, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 134, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3644, 0.4007, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 115) }
```

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

```
.background{ background-color: rgb(191,  
134, 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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