

Converting Colors

$Y_{xy}(33.5074, 0.4164, 0.3649)$

Have a look what the booklet for
Yxy(33.5074, 0.4164, 0.3649)
contains.

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Color

Yxy(33.5074, 0.4164, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	CF8D71
RGB	207, 141, 113
RGB Percent	81%, 55%, 44%
CMY	0.1883, 0.4470, 0.5568
CMYK	0.00, 0.32, 0.45, 0.19
HSL	18°, 49%, 63%
HSV	18°, 45%, 81%
XYZ	38.2365, 33.5074, 20.0824
YIQ	157.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

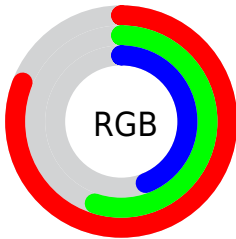
Format	Color
RYB	207, 153, 113
Decimal	13602161
CIELab	64.57, 21.82, 25.07
CIElCh	65, 33.235, 48.960
Yxy	33.5074, 0.4164, 0.3649
Android (android.graphics.Color)	4291792241 (0xFFCF8D71)
YUV	157.5420, -21.9592, 43.3747
Hunter-Lab	57.8856, 16.6088, 19.9503

Details

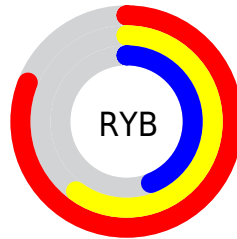
The Yxy color **33.5074, 0.4164, 0.3649** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.2594, 0.2452, 0.2887**, and the grayscale version is **34.0603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0068, 0.3865, 0.3605**, and **14.1780, 0.4500, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **29.0856, 0.4498, 0.3717**, and if you desaturate by 10%, it is **38.6014, 0.3868, 0.3570**.

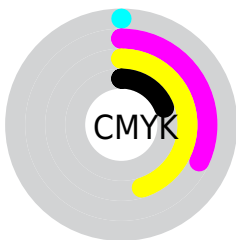
Distribution



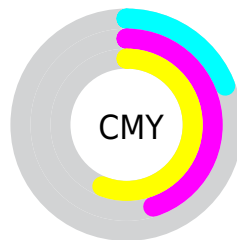
- Red (81%)
- Green (55%)
- Blue (44%)



- Red (81%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (19%)




- Cyan (19%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5074, 0.4164, 0.3649 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 33.5074, 0.4164, 0.3649 by changing the saturation by 10% instead.


 33.5074, 0.4164,
0.3649


 33.5074, 0.4164,
0.3649


317.9299, 0.3614,
0.3483


 22.5154, 0.4310,
0.3683


 65.1669, 0.3958,
0.3593


 14.2361, 0.4500,
0.3721


 86.6032, 0.3882,
0.3571

 8.2851, 0.4759,
0.3760


 112.2898, 0.3819,
0.3551

 4.2779, 0.5123,
0.3788

 142.6110, 0.3765,
0.3534

 1.8302, 0.6004,
0.3988

177.9512, 0.3719,
0.3519

 0.5059, 0.6696,
0.3304

218.6948, 0.3680,

 0.0000, 0.0000,

0.3506

0.0000

265.2263, 0.3645,
0.3494

■ 33.5074, 0.4164,
0.3649

■ 33.5074, 0.4164,
0.3649

■ 29.0856, 0.4498,
0.3717

■ 38.6014, 0.3868,
0.3570

■ 25.3019, 0.4862,
0.3765

■ 44.3898, 0.3613,
0.3488

■ 22.1267, 0.5233,
0.3780

■ 50.8998, 0.3396,
0.3407

■ 19.5255, 0.5580,
0.3751

■ 58.1558, 0.3213,
0.3329

■ 17.4597, 0.5867,
0.3675

■ 66.1808, 0.3060,
0.3258

■ 16.6703, 0.5980,
0.3634

■ 74.9969, 0.2930,
0.3192

■ 84.4359, 0.2836,
0.3161

■ 92.0038, 0.2844,
0.3289

Harmonies

Analogous

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



33.5074, 0.3993, 0.3240



33.5074, 0.4164, 0.3649



33.5074, 0.4028, 0.4014

Triad

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



33.5074, 0.4164, 0.3649



33.5074, 0.2665, 0.3769



33.5074, 0.2573, 0.2469

Complementary

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



33.5074, 0.4164, 0.3649



40.2594, 0.2452, 0.2887

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.



33.5074, 0.2277, 0.2532



33.5074, 0.4164, 0.3649



33.5074, 0.2323, 0.3249

Square

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



33.5074, 0.4164, 0.3649



33.5074, 0.3148, 0.4147



33.5074, 0.2189, 0.2798



33.5074, 0.3036, 0.2592

Rectangle

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



33.5074, 0.4164, 0.3649



33.5074, 0.3796, 0.4178



33.5074, 0.2189, 0.2798



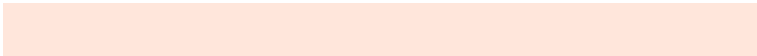
33.5074, 0.2453, 0.2468

Sweetspot

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



33.5090, 0.4164, 0.3649



82.9460, 0.3372, 0.3397



28.3901, 0.3469, 0.2468



17.2377, 0.3416, 0.3414



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.



33.5090, 0.4164, 0.3649



47.1105, 0.4472, 0.3713



49.8405, 0.3898, 0.4187



12.3739, 0.3283, 0.3360



10.6494, 0.5955, 0.3654



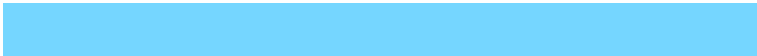
0.7339, 0.5589, 0.3945

Inverse Universe

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



40.2594, 0.2452, 0.2887



59.1116, 0.2334, 0.2788



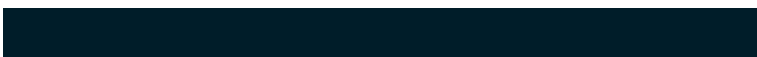
24.8975, 0.2329, 0.2187



12.7877, 0.2983, 0.3219



15.8373, 0.1971, 0.2296



1.0203, 0.2028, 0.2500

Previews

White Background



This preview shows how the Yxy color 33.5074, 0.4164, 0.3649 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.5074, 0.4164, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

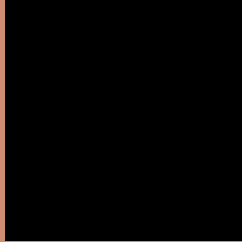
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5074, 0.4164, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 33.5074, 0.4164, 0.3649.



This preview shows how white text looks on a background with the Yxy color 33.5074, 0.4164, 0.3649.

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

33.5074, 0.4164, 0.3649

Protanopia

33.7948, 0.3590, 0.3840

Deuteranopia

33.5252, 0.3917, 0.3832



Tritanopia

33.4165, 0.3836, 0.3153

Trichromacy



Original Color

33.5074, 0.4164, 0.3649

Protanomaly

33.3627, 0.3796, 0.3773

Deuteranomaly

33.5066, 0.3999, 0.3763

Tritanomaly

33.4815, 0.3955, 0.3331

Monochromacy



Original Color

33.5074, 0.4164, 0.3649

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6396, 0.3473, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5074, 0.4164, 0.3649 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(207, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(207, 141, 113)  
}
```

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(207, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 141, 113) }
```

Border

The CSS property to change the border of an element to Yxy 33.5074, 0.4164, 0.3649 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(207, 141, 113) }
```

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

```
.border{ border-color:rgb(207, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 141, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 141, 113);  
box-shadow:4px 4px 4px 4px rgb(207, 141,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5074, 0.4164, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 141, 113) }
```

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

```
.background{ background-color: rgb(207,  
141, 113) }
```

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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