

Converting Colors

$Y_{xy}(32.8023, 0.4136, 0.3569)$

Have a look what the booklet for
Yxy(32.8023, 0.4136, 0.3569)
contains.

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Color

Yxy(32.7267, 0.4138, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	CF8A75
RGB	207, 138, 117
RGB Percent	81%, 54%, 46%
CMY	0.1883, 0.4588, 0.5411
CMYK	0.00, 0.33, 0.43, 0.19
HSL	14°, 48%, 64%
HSV	14°, 43%, 81%
XYZ	38.0295, 32.7267, 21.1469
YIQ	156.2370, 47.8650, 8.0970

Conversions

Conversions Part 2

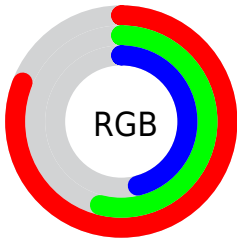
Format	Color
R _Y B	207, 144, 117
Decimal	13601397
CIE Lab	63.94, 23.87, 22.00
CIE LCh	64, 32.467, 42.666
Yxy	32.7267, 0.4138, 0.3561
Android (android.graphics.Color)	4291791477 (0xFFCF8A75)
YUV	156.2370, -19.3438, 44.5192
Hunter-Lab	57.2073, 18.5483, 18.1283

Details

The Yxy color **32.7267, 0.4138, 0.3561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4021, 0.2493, 0.2992**, and the grayscale version is **33.4305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8238, 0.3843, 0.3533**, and **13.7301, 0.4469, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **28.0679, 0.4487, 0.3616**, and if you desaturate by 10%, it is **38.1617, 0.3835, 0.3498**.

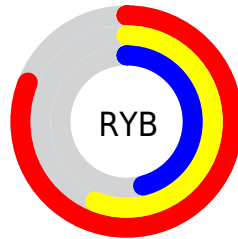
Distribution



Red (81%)

Green (54%)

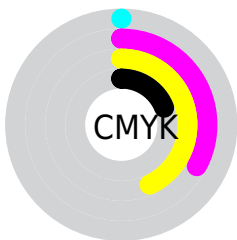
Blue (46%)



Red (81%)

Yellow (56%)

Blue (46%)

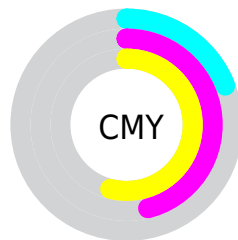


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7267, 0.4138, 0.3561 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 32.7267, 0.4138, 0.3561 by changing the saturation by 10% instead.


 32.7267, 0.4138,
0.3561

 32.7267, 0.4138,
0.3561


314.4164, 0.3599,
0.3439


 21.9172, 0.4283,
0.3585


 63.9486, 0.3934,
0.3521

 13.7960, 0.4473,
0.3610


 85.1298, 0.3860,
0.3505

 7.9789, 0.4735,
0.3633


 110.5369, 0.3798,
0.3490

 4.0815, 0.5110,
0.3641

140.5545, 0.3746,
0.3477

 1.7192, 0.5937,
0.3754

175.5668, 0.3701,
0.3466

 0.4361, 0.6978,
0.3022

215.9583, 0.3662,

 0.0000, 0.0000,

0.3456


0.0000


262.1134, 0.3629,
0.3447


 32.7267, 0.4138,
0.3561


 32.7267, 0.4138,
0.3561


 28.0679, 0.4487,
0.3616

 38.1617, 0.3835,
0.3498


 24.1445, 0.4873,
0.3654

 44.4016, 0.3577,
0.3433


 20.9193, 0.5274,
0.3665


 51.4794, 0.3362,
0.3370

 18.3497, 0.5653,
0.3639

 59.4249, 0.3182,
0.3310

 16.3877, 0.5964,
0.3573

 68.2665, 0.3033,
0.3254

 15.4020, 0.6124,
0.3520

 78.0312, 0.2908,
0.3204

 88.2917, 0.2840,
0.3228

 92.0035, 0.2844,
0.3289

Harmonies

Analogous

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



32.7267, 0.3908, 0.3158



32.7267, 0.4138, 0.3561



32.7267, 0.4066, 0.3937

Triad

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



32.7267, 0.4138, 0.3561



32.7267, 0.2764, 0.3859



32.7267, 0.2504, 0.2478

Complementary

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



32.7267, 0.4138, 0.3561



43.4021, 0.2493, 0.2992

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.



32.7267, 0.2253, 0.2582



32.7267, 0.4138, 0.3561



32.7267, 0.2390, 0.3358

Square

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



32.7267, 0.4138, 0.3561



32.7267, 0.3256, 0.4175



32.7267, 0.2212, 0.2887



32.7267, 0.2932, 0.2562

Rectangle

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



32.7267, 0.4138, 0.3561



32.7267, 0.3868, 0.4124



32.7267, 0.2212, 0.2887



32.7267, 0.2398, 0.2490

Sweetspot

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



32.7283, 0.4138, 0.3561



82.8890, 0.3355, 0.3368



29.5349, 0.3399, 0.2451



17.1717, 0.3400, 0.3382



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.



32.7283, 0.4138, 0.3561



45.5695, 0.4456, 0.3612



48.4131, 0.3886, 0.4101



12.2496, 0.3285, 0.3345



9.8268, 0.6101, 0.3538



0.6740, 0.5735, 0.3828

Inverse Universe

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



43.4021, 0.2493, 0.2992



64.7295, 0.2380, 0.2918



27.3397, 0.2378, 0.2311



12.9199, 0.2983, 0.3234



18.5462, 0.2035, 0.2524



1.1533, 0.2078, 0.2681

Previews

White Background



This preview shows how the Yxy color 32.7267, 0.4138, 0.3561 looks on a white background.

Color Contrast Check

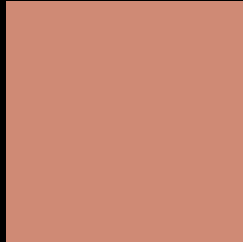
Large Text (above 18pt) WCAG AA × Fail

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 32.7267, 0.4138, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

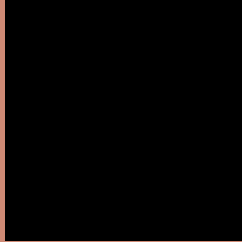
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7267, 0.4138, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 32.7267, 0.4138, 0.3561.



This preview shows how white text looks on a background with the Yxy color 32.7267, 0.4138, 0.3561.

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

32.7267, 0.4138, 0.3561

Protanopia

32.9227, 0.3516, 0.3742

Deuteranopia

32.8000, 0.3837, 0.3772



Tritanopia

32.6191, 0.3867, 0.3165

Trichromacy



Original Color

32.7267, 0.4138, 0.3561

Protanomaly

32.6033, 0.3732, 0.3678

Deuteranomaly

32.7182, 0.3946, 0.3688

Tritanomaly

32.4591, 0.3969, 0.3305

Monochromacy



Original Color

32.7267, 0.4138, 0.3561

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.5618, 0.3470, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7267, 0.4138, 0.3561 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, 138, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 117)  
}
```

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, 138, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.7267, 0.4138, 0.3561 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, 138, 117) }
```

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

```
.border{ border-color:rgb(207, 138, 117) }
```

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

Here you see how a box with a 4 pixel rgb(207, 138, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 138, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 138, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 138,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7267, 0.4138, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 117) }
```

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

```
.background{ background-color: rgb(207,  
138, 117) }
```

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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