

Converting Colors

$Y_{xy}(32.8941, 0.4032, 0.3492)$

Have a look what the booklet for
Yxy(32.8941, 0.4032, 0.3492)
contains.

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Color

Yxy(32.8996, 0.4032, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	CD8B7C
RGB	205, 139, 124
RGB Percent	80%, 55%, 49%
CMY	0.1962, 0.4548, 0.5138
CMYK	0.00, 0.32, 0.40, 0.20
HSL	11°, 45%, 65%
HSV	11°, 40%, 80%
XYZ	38.0416, 32.8996, 23.4081
YIQ	157.0240, 44.1510, 9.3270

Conversions

Conversions Part 2

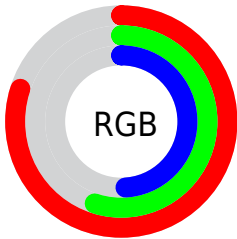
Format	Color
R_{YB}	205, 142, 124
Decimal	13470588
CIE _{Lab}	64.08, 23.31, 18.26
CIE _{LCh}	64, 29.606, 38.073
Yxy	32.8996, 0.4032, 0.3487
Android (android.graphics.Color)	4291660668 (0xFFCD8B7C)
YUV	157.0240, -16.2808, 42.0750
Hunter-Lab	57.3582, 18.0097, 15.9543

Details

The Yxy color **32.8996, 0.4032, 0.3487** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4912, 0.2553, 0.3079**, and the grayscale version is **33.7883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5743, 0.3773, 0.3459**, and **13.8770, 0.4347, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **27.9641, 0.4377, 0.3534**, and if you desaturate by 10%, it is **38.6841, 0.3737, 0.3436**.

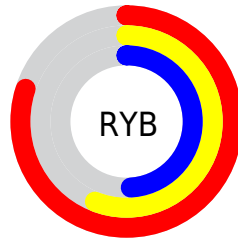
Distribution



Red (80%)

Green (55%)

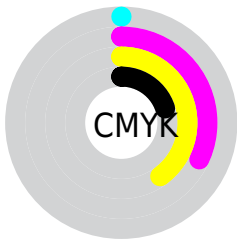
Blue (49%)



Red (80%)

Yellow (56%)

Blue (49%)

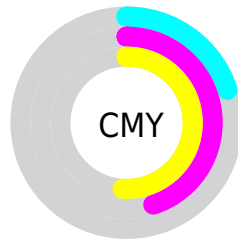


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8996, 0.4032, 0.3487 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 32.8996, 0.4032, 0.3487 by changing the saturation by 10% instead.


 32.8996, 0.4032,
0.3487


 32.8996, 0.4032,
0.3487


315.1971, 0.3549,
0.3399


 22.0495, 0.4162,
0.3504


 64.2187, 0.3849,
0.3458

 13.8933, 0.4335,
0.3522


 85.4566, 0.3783,
0.3447

 8.0465, 0.4573,
0.3538


 110.9259, 0.3727,
0.3436

 4.1247, 0.4921,
0.3542

141.0110, 0.3681,
0.3427

 1.7436, 0.5570,
0.3569

176.0962, 0.3641,
0.3419

 0.4516, 0.6906,
0.3094

216.5661, 0.3606,

 0.0000, 0.0000,

0.3412

0.0000

262.8049, 0.3576,
0.3405

■ 32.8996, 0.4032,
0.3487

■ 32.8996, 0.4032,
0.3487

■ 27.9641, 0.4377,
0.3534

■ 38.6841, 0.3737,
0.3436

■ 23.8329, 0.4769,
0.3569

■ 45.3504, 0.3491,
0.3384

■ 20.4640, 0.5187,
0.3584


■ 52.9350, 0.3288,
0.3334


■ 17.8099, 0.5597,
0.3570


■ 61.4713, 0.3120,
0.3288


■ 15.8173, 0.5947,
0.3523

■ 70.9907, 0.2981,
0.3245

 14.4200, 0.6201,
0.3453

 81.5233, 0.2866,
0.3206

 14.3653, 0.6212,
0.3450

 91.7157, 0.2832,
0.3289

Harmonies

Analogous

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



32.8996, 0.3785, 0.3118



32.8996, 0.4032, 0.3487



32.8996, 0.4011, 0.3839

Triad

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



32.8996, 0.4032, 0.3487



32.8996, 0.2863, 0.3863



32.8996, 0.2510, 0.2548

Complementary

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



32.8996, 0.4032, 0.3487



45.4912, 0.2553, 0.3079

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.



32.8996, 0.2306, 0.2675



32.8996, 0.4032, 0.3487



32.8996, 0.2495, 0.3426

Square

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



32.8996, 0.4032, 0.3487



32.8996, 0.3319, 0.4111



32.8996, 0.2300, 0.2984



32.8996, 0.2883, 0.2599

Rectangle

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



32.8996, 0.4032, 0.3487



32.8996, 0.3855, 0.4021



32.8996, 0.2300, 0.2984



32.8996, 0.2421, 0.2569

Sweetspot

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



32.9012, 0.4032, 0.3487



83.3021, 0.3338, 0.3347



31.1100, 0.3324, 0.2481



17.4709, 0.3364, 0.3354



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.



32.9012, 0.4032, 0.3487



47.2629, 0.4307, 0.3525



46.8023, 0.3829, 0.3982



11.5450, 0.3285, 0.3334



9.0480, 0.6191, 0.3467



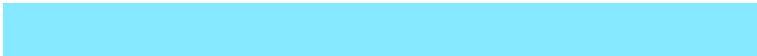
0.5710, 0.5826, 0.3756

Inverse Universe

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



45.4912, 0.2553, 0.3079



70.5200, 0.2454, 0.3028



30.3855, 0.2462, 0.2479



12.3591, 0.2983, 0.3246



20.0662, 0.2081, 0.2690



1.1293, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 32.8996, 0.4032, 0.3487 looks on a white background.

Color Contrast Check

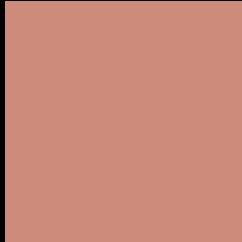
Large Text (above 18pt) WCAG AA × Fail

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 32.8996, 0.4032, 0.3487 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 32.8996, 0.4032, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 32.8996, 0.4032, 0.3487.



This preview shows how white text looks on a background with the Yxy color 32.8996, 0.4032, 0.3487.

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

32.8996, 0.4032, 0.3487

Protanopia

33.0011, 0.3437, 0.3636

Deuteranopia

32.8451, 0.3754, 0.3675



Tritanopia

32.9490, 0.3815, 0.3164

Trichromacy



Original Color

32.8996, 0.4032, 0.3487

Protanomaly

32.6636, 0.3648, 0.3578

Deuteranomaly

32.6280, 0.3849, 0.3595

Tritanomaly

32.8481, 0.3892, 0.3279

Monochromacy



Original Color

32.8996, 0.4032, 0.3487

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8557, 0.3426, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8996, 0.4032, 0.3487 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(205, 139, 124)` looks like.

```
.text, #text, p{  
    color:rgb(205, 139, 124)  
}
```

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(205, 139, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 139, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.8996, 0.4032, 0.3487 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(205, 139, 124) }
```

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

```
.border{ border-color:rgb(205, 139, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 139, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 139, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 139, 124);  
box-shadow:4px 4px 4px 4px rgb(205, 139,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8996, 0.4032, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 139, 124) }
```

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

```
.background{ background-color: rgb(205,  
139, 124) }
```

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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