

Converting Colors

$Y_{xy}(32.1939, 0.4028, 0.3394)$

Have a look what the booklet for
Yxy(32.1939, 0.4028, 0.3394)
contains.

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Color

Yxy(32.1519, 0.4028, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	CF8780
RGB	207, 135, 128
RGB Percent	81%, 53%, 50%
CMY	0.1883, 0.4706, 0.4979
CMYK	0.00, 0.35, 0.38, 0.19
HSL	5°, 45%, 66%
HSV	5°, 38%, 81%
XYZ	38.2933, 32.1519, 24.6225
YIQ	155.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

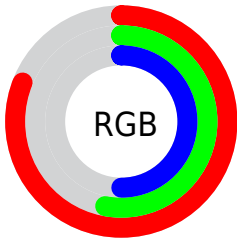
Format	Color
R_{YB}	207, 136, 128
Decimal	13600640
CIE _{Lab}	63.47, 26.75, 15.17
CIE _{LCh}	63, 30.752, 29.548
Yxy	32.1519, 0.4028, 0.3382
Android (android.graphics.Color)	4291790720 (0xFFCF8780)
YUV	155.7300, -13.6709, 44.9638
Hunter-Lab	56.7026, 21.3176, 13.9458

Details

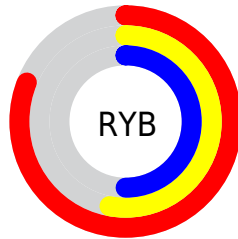
The Yxy color **32.1519, 0.4028, 0.3382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4184, 0.2587, 0.3194**, and the grayscale version is **33.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9914, 0.3751, 0.3376**, and **13.3892, 0.4330, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **26.8545, 0.4395, 0.3405**, and if you desaturate by 10%, it is **38.4971, 0.3721, 0.3357**.

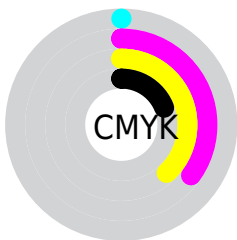
Distribution



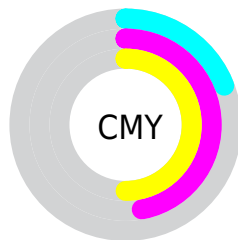
- Red (81%)
- Green (53%)
- Blue (50%)



- Red (81%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1519, 0.4028, 0.3382 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 32.1519, 0.4028, 0.3382 by changing the saturation by 10% instead.


 32.1519, 0.4028,
0.3382


 32.1519, 0.4028,
0.3382


311.8106, 0.3545,
0.3348

 21.4775, 0.4159,
0.3385


 63.0491, 0.3845,
0.3373

 13.4735, 0.4334,
0.3385


 84.0408, 0.3778,
0.3369

 7.7554, 0.4577,
0.3378


 109.2404, 0.3723,
0.3365

 3.9388, 0.4936,
0.3351

139.0323, 0.3676,
0.3361

 1.6394, 0.5566,
0.3300

173.8008, 0.3636,
0.3357

 0.3840, 0.7286,
0.2714


213.9305, 0.3602,


 0.0000, 0.0000,

0.3354


0.0000

259.8056, 0.3572,
0.3351

 32.1519, 0.4028,
0.3382


 32.1519, 0.4028,
0.3382


 26.8545, 0.4395,
0.3405


 38.4971, 0.3721,
0.3357


 22.5442, 0.4816,
0.3421


 45.9374, 0.3469,
0.3332

 19.1610, 0.5269,
0.3427

 54.5227, 0.3265,
0.3308

 16.6368, 0.5710,
0.3417

 64.2986, 0.3099,
0.3286

 14.8939, 0.6073,
0.3390

 75.3082, 0.2964,
0.3266

■ 13.8380, 0.6307,
0.3352

■ 87.5923, 0.2854,
0.3248

■ 13.7059, 0.6340,
0.3348

■ 92.0046, 0.2844,
0.3289

Harmonies

Analogous

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



32.1519, 0.3700, 0.3008



32.1519, 0.4028, 0.3382



32.1519, 0.4087, 0.3763

Triad

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



32.1519, 0.4028, 0.3382



32.1519, 0.2981, 0.3993



32.1519, 0.2403, 0.2533

Complementary

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



32.1519, 0.4028, 0.3382



50.4184, 0.2587, 0.3194

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.



32.1519, 0.2248, 0.2719



32.1519, 0.4028, 0.3382



32.1519, 0.2560, 0.3572

Square

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



32.1519, 0.4028, 0.3382



32.1519, 0.3461, 0.4172



32.1519, 0.2301, 0.3090



32.1519, 0.2746, 0.2537

Rectangle

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



32.1519, 0.4028, 0.3382



32.1519, 0.3970, 0.3979



32.1519, 0.2301, 0.3090



32.1519, 0.2329, 0.2574

Sweetspot

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



32.1535, 0.4028, 0.3382



83.0774, 0.3321, 0.3315



32.9025, 0.3236, 0.2423



17.3706, 0.3349, 0.3318



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.



32.1535, 0.4028, 0.3382



44.2818, 0.4332, 0.3401



45.1334, 0.3837, 0.3867



11.9735, 0.3288, 0.3311



8.6952, 0.6327, 0.3358



0.5455, 0.6114, 0.3527

Inverse Universe

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



50.4184, 0.2587, 0.3194



77.6910, 0.2490, 0.3170



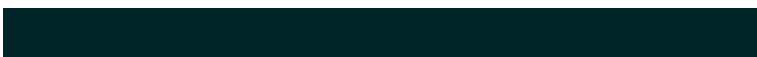
34.5645, 0.2503, 0.2630



13.2212, 0.2983, 0.3269



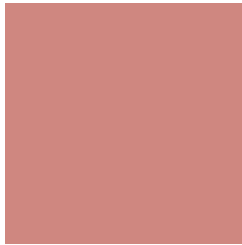
25.7684, 0.2170, 0.3013



1.4943, 0.2186, 0.3068

Previews

White Background



This preview shows how the Yxy color 32.1519, 0.4028, 0.3382 looks on a white background.

Color Contrast Check

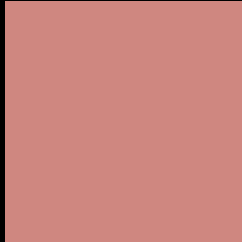
Large Text (above 18pt) WCAG AA × Fail

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 32.1519, 0.4028, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

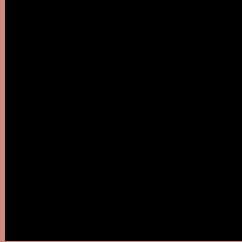
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1519, 0.4028, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 32.1519, 0.4028, 0.3382.



This preview shows how white text looks on a background with the Yxy color 32.1519, 0.4028, 0.3382.

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

32.1519, 0.4028, 0.3382

Protanopia

32.4944, 0.3360, 0.3548

Deuteranopia

32.2699, 0.3683, 0.3608



Tritanopia

32.1681, 0.3872, 0.3165

Trichromacy



Original Color

32.1519, 0.4028, 0.3382

Protanomaly

32.0536, 0.3592, 0.3479

Deuteranomaly

31.9960, 0.3804, 0.3514

Tritanomaly

32.2951, 0.3927, 0.3241

Monochromacy



Original Color

32.1519, 0.4028, 0.3382

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3691, 0.3431, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1519, 0.4028, 0.3382 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, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(207, 135, 128)  
}
```

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, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 135, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.1519, 0.4028, 0.3382 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, 135, 128) }
```

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

```
.border{ border-color:rgb(207, 135, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(207, 135,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1519, 0.4028, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 135, 128) }
```

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

```
.background{ background-color: rgb(207,  
135, 128) }
```

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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