

Converting Colors

$Y_{xy}(32.0605, 0.3749, 0.3319)$

Have a look what the booklet for
Yxy(32.0605, 0.3749, 0.3319)
contains.

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Color

Yxy(32.0605, 0.3749, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	C28C8A
RGB	194, 140, 138
RGB Percent	76%, 55%, 54%
CMY	0.2392, 0.4510, 0.4588
CMYK	0.00, 0.28, 0.29, 0.24
HSL	2°, 31%, 65%
HSV	2°, 29%, 76%
XYZ	36.2142, 32.0605, 28.3222
YIQ	155.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

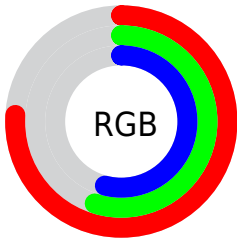
Format	Color
R _Y B	194, 140, 138
Decimal	12749962
CIE Lab	63.39, 20.27, 9.22
CIE LCh	63, 22.265, 24.449
Yxy	32.0605, 0.3749, 0.3319
Android (android.graphics.Color)	4290940042 (0xFFC28C8A)
YUV	155.9180, -8.8336, 33.3979
Hunter-Lab	56.6220, 15.0761, 9.9787

Details

The Yxy color **32.0605, 0.3749, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9958, 0.2711, 0.3261**, and the grayscale version is **33.2372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0406, 0.3629, 0.3323**, and **13.3383, 0.3967, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **26.5396, 0.4068, 0.3330**, and if you desaturate by 10%, it is **38.6139, 0.3489, 0.3308**.

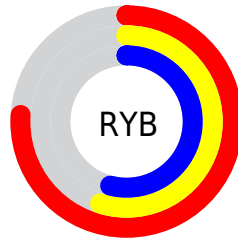
Distribution



Red (76%)

Green (55%)

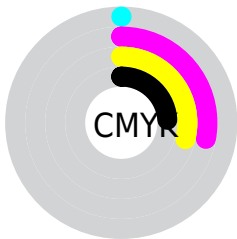
Blue (54%)



Red (76%)

Yellow (55%)

Blue (54%)

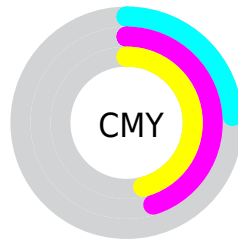


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0605, 0.3749, 0.3319 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 32.0605, 0.3749, 0.3319 by changing the saturation by 10% instead.


 32.0605, 0.3749,
0.3319


 32.0605, 0.3749,
0.3319


311.3948, 0.3416,
0.3310


 21.4077, 0.3840,
0.3319


 62.9059, 0.3622,
0.3318

 13.4224, 0.3962,
0.3317


 83.8673, 0.3576,
0.3316

 7.7200, 0.4133,
0.3310


 109.0338, 0.3538,
0.3315

 3.9163, 0.4391,
0.3294

138.7896, 0.3506,
0.3314

 1.6269, 0.4817,
0.3247

173.5192, 0.3479,
0.3313

 0.3756, 0.6940,
0.3060


213.6070, 0.3455,

 0.0000, 0.0000,


0.3312


0.0000


259.4374, 0.3434,
0.3311


 32.0605, 0.3749,
0.3319


 32.0605, 0.3749,
0.3319


 26.5396, 0.4068,
0.3330


 38.6139, 0.3489,
0.3308


 21.9944, 0.4451,
0.3339


 46.2439, 0.3279,
0.3298


 18.3695, 0.4891,
0.3346

 54.9976, 0.3110,
0.3289

 15.6021, 0.5359,
0.3348

 64.9178, 0.2974,
0.3281

 13.6216, 0.5803,
0.3343

 76.0451, 0.2864,
0.3273

■ 12.3462, 0.6151,
0.3331

■ 88.4182, 0.2774,
0.3266

■ 11.6716, 0.6358,
0.3319

■ 90.2099, 0.2773,
0.3289

■ 11.6209, 0.6376,
0.3319

Harmonies

Analogous

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



32.0605, 0.3489, 0.3041



32.0605, 0.3749, 0.3319



32.0605, 0.3831, 0.3605

Triad

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



32.0605, 0.3749, 0.3319



32.0605, 0.3087, 0.3823



32.0605, 0.2562, 0.2747

Complementary

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



32.0605, 0.3749, 0.3319



46.9958, 0.2711, 0.3261

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.



32.0605, 0.2470, 0.2918



32.0605, 0.3749, 0.3319



32.0605, 0.2761, 0.3551

Square

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



32.0605, 0.3749, 0.3319



32.0605, 0.3436, 0.3923



32.0605, 0.2540, 0.3210



32.0605, 0.2799, 0.2720

Rectangle

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



32.0605, 0.3749, 0.3319



32.0605, 0.3772, 0.3768



32.0605, 0.2540, 0.3210



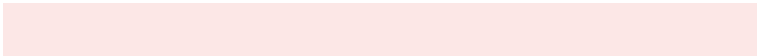
32.0605, 0.2514, 0.2788

Sweetspot

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



32.0620, 0.3749, 0.3319



83.3745, 0.3284, 0.3299



33.4574, 0.3178, 0.2602



17.7831, 0.3312, 0.3300



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.



32.0620, 0.3749, 0.3319



51.1963, 0.3956, 0.3326



41.2609, 0.3646, 0.3686



10.1345, 0.3288, 0.3299



7.6658, 0.6370, 0.3324



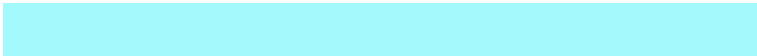
0.3516, 0.6259, 0.3412

Inverse Universe

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



46.9958, 0.2711, 0.3261



82.8849, 0.2627, 0.3253



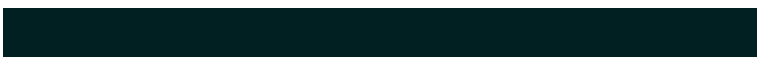
35.8967, 0.2668, 0.2858



11.3645, 0.2984, 0.3281



25.9669, 0.2216, 0.3179



1.1416, 0.2224, 0.3205

Previews

White Background



This preview shows how the Yxy color 32.0605, 0.3749, 0.3319 looks on a white background.

Color Contrast Check

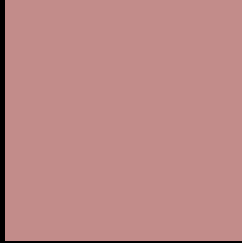
Large Text (above 18pt) WCAG AA × Fail

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 32.0605, 0.3749, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

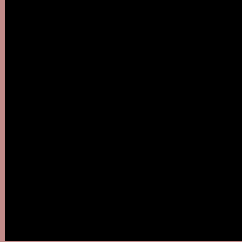
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0605, 0.3749, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 32.0605, 0.3749, 0.3319.



This preview shows how white text looks on a background with the Yxy color 32.0605, 0.3749, 0.3319.

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

32.0605, 0.3749, 0.3319

Protanopia

32.1977, 0.3264, 0.3412

Deuteranopia

32.0713, 0.3535, 0.3466



Tritanopia

31.9490, 0.3643, 0.3144

Trichromacy



Original Color

32.0605, 0.3749, 0.3319

Protanomaly

31.9035, 0.3440, 0.3379

Deuteranomaly

32.0020, 0.3610, 0.3405

Tritanomaly

32.1117, 0.3685, 0.3211

Monochromacy



Original Color

32.0605, 0.3749, 0.3319

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.5287, 0.3344, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0605, 0.3749, 0.3319 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(194, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 140, 138)  
}
```

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(194, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 140, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.0605, 0.3749, 0.3319 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(194, 140, 138) }
```

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

```
.border{ border-color:rgb(194, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 140,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0605, 0.3749, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 140, 138) }
```

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

```
.background{ background-color: rgb(194,  
140, 138) }
```

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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