

Converting Colors

$Yxy(32.2362, 0.3789, 0.3440)$

Have a look what the booklet for
Yxy(32.2362, 0.3789, 0.3440)
contains.

| | |
|---|----|
| Yxy(32.1912, 0.3797, 0.3442) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(32.1912, 0.3797, 0.3442)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C08E83 |
| RGB | 192, 142, 131 |
| RGB Percent | 75%, 56%, 51% |
| CMY | 0.2470, 0.4431, 0.4862 |
| CMYK | 0.00, 0.26, 0.32, 0.25 |
| HSL | 11°, 33%, 63% |
| HSV | 11°, 32%, 75% |
| XYZ | 35.5113, 32.1912, 25.8222 |
| YIQ | 155.6960, 33.3310, 7.1790 |

Conversions

Conversions Part 2

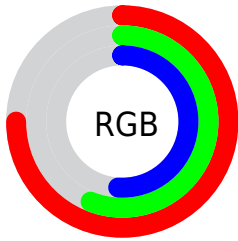
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 192, 144, 131 |
| Decimal | 12619395 |
| CIE Lab | 63.50, 17.44, 13.27 |
| CIE LCh | 64, 21.920, 37.269 |
| Yxy | 32.1912, 0.3797, 0.3442 |
| Android (android.graphics.Color) | 4290809475 (0xFFC08E83) |
| YUV | 155.6960, -12.1751, 31.8386 |
| Hunter-Lab | 56.7373, 12.4312, 12.7321 |

Details

The Yxy color **32.1912, 0.3797, 0.3442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6959, 0.2659, 0.3131**, and the grayscale version is **33.1490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0803, 0.3656, 0.3419**, and **13.4097, 0.4022, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **27.3602, 0.4102, 0.3491**, and if you desaturate by 10%, it is **37.7836, 0.3541, 0.3392**.

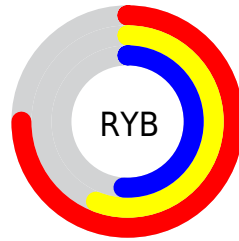
Distribution



Red (75%)

Green (56%)

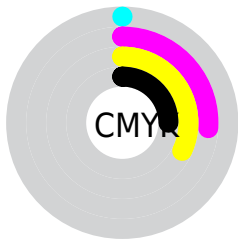
Blue (51%)



Red (75%)

Yellow (56%)

Blue (51%)

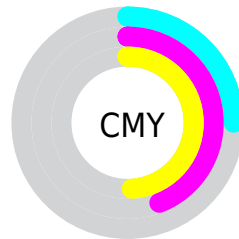


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1912, 0.3797, 0.3442 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 32.1912, 0.3797, 0.3442 by changing the saturation by 10% instead.


 32.1912, 0.3797,
0.3442


 32.1912, 0.3797,
0.3442


311.9893, 0.3438,
0.3370

 21.5076, 0.3895,
0.3458


 63.1107, 0.3661,
0.3417

 13.4955, 0.4026,
0.3477


 84.1154, 0.3611,
0.3407

 7.7706, 0.4209,
0.3498


 109.3292, 0.3570,
0.3399

 3.9485, 0.4482,
0.3519

139.1366, 0.3536,
0.3392

 1.6448, 0.4951,
0.3542

173.9219, 0.3506,
0.3385

 0.3875, 0.6721,
0.3279


214.0695, 0.3480,


 0.0000, 0.0000,


0.3380


0.0000


259.9638, 0.3458,
0.3375


 32.1912, 0.3797,
0.3442


 32.1912, 0.3797,
0.3442


 27.3602, 0.4102,
0.3491


 37.7836, 0.3541,
0.3392


 23.2531, 0.4458,
0.3534

 44.1638, 0.3329,
0.3343

 19.8360, 0.4857,
0.3565


 51.3624, 0.3155,
0.3298


 17.0705, 0.5278,
0.3574


 59.4071, 0.3010,
0.3256


 14.9144, 0.5680,
0.3554


 68.3244, 0.2891,
0.3217

 13.3200, 0.6012,
0.3502

 78.1393, 0.2792,
0.3183

 12.3840, 0.6215,
0.3447

 88.1860, 0.2760,
0.3260

 89.9480, 0.2763,
0.3289

Harmonies

Analogous

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



32.1912, 0.3609, 0.3157



32.1912, 0.3797, 0.3442



32.1912, 0.3792, 0.3707

Triad

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



32.1912, 0.3797, 0.3442



32.1912, 0.2943, 0.3716



32.1912, 0.2655, 0.2727

Complementary

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



32.1912, 0.3797, 0.3442



41.6959, 0.2659, 0.3131

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.



32.1912, 0.2500, 0.2835



32.1912, 0.3797, 0.3442



32.1912, 0.2658, 0.3405

Square

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



32.1912, 0.3797, 0.3442



32.1912, 0.3288, 0.3894



32.1912, 0.2501, 0.3078



32.1912, 0.2939, 0.2759

Rectangle

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



32.1912, 0.3797, 0.3442



32.1912, 0.3682, 0.3839



32.1912, 0.2501, 0.3078



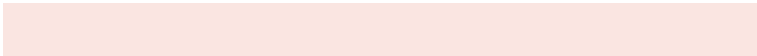
32.1912, 0.2587, 0.2747

Sweetspot

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



32.1927, 0.3797, 0.3442



82.0011, 0.3299, 0.3336



30.8177, 0.3267, 0.2629



17.2143, 0.3326, 0.3342



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.1927, 0.3797, 0.3442



52.1854, 0.4000, 0.3476



42.2315, 0.3676, 0.3830



10.3645, 0.3285, 0.3332



8.4151, 0.6197, 0.3462



0.4553, 0.5791, 0.3784

Inverse Universe

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



41.6959, 0.2659, 0.3131



72.0290, 0.2568, 0.3092



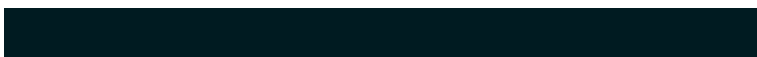
30.8801, 0.2606, 0.2682



11.1102, 0.2984, 0.3248



18.9929, 0.2086, 0.2711



0.9030, 0.2126, 0.2854

Previews

White Background



This preview shows how the Yxy color 32.1912, 0.3797, 0.3442 looks on a white background.

Color Contrast Check

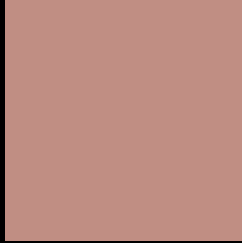
Large Text (above 18pt) WCAG AA × Fail

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 32.1912, 0.3797, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

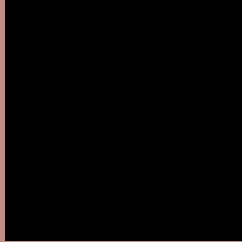
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1912, 0.3797, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 32.1912, 0.3797, 0.3442.



This preview shows how white text looks on a background with the Yxy color 32.1912, 0.3797, 0.3442.

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

32.1912, 0.3797, 0.3442

Protanopia

32.4944, 0.3360, 0.3548

Deuteranopia

32.1386, 0.3619, 0.3552



Tritanopia

32.1366, 0.3618, 0.3144

Trichromacy



Original Color

32.1912, 0.3797, 0.3442

Protanomaly

32.3326, 0.3507, 0.3511

Deuteranomaly

32.1146, 0.3682, 0.3519

Tritanomaly

32.0768, 0.3682, 0.3251

Monochromacy



Original Color

32.1912, 0.3797, 0.3442

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6748, 0.3351, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1912, 0.3797, 0.3442 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(192, 142, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 142, 131)  
}
```

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(192, 142, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 142, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.1912, 0.3797, 0.3442 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(192, 142, 131) }
```

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

```
.border{ border-color:rgb(192, 142, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 142, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 142, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 142, 131); box-shadow:4px 4px 4px 4px rgb(192, 142, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1912, 0.3797, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 142, 131) }
```

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

```
.background{ background-color: rgb(192,  
142, 131) }
```

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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