

Converting Colors

$Yxy(33.1138, 0.4018, 0.3634)$

Have a look what the booklet for
Yxy(33.1138, 0.4018, 0.3634)
contains.

Yxy(33.0714, 0.4023, 0.3637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.0714, 0.4023, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	C78F75
RGB	199, 143, 117
RGB Percent	78%, 56%, 46%
CMY	0.2197, 0.4392, 0.5413
CMYK	0.00, 0.28, 0.41, 0.22
HSL	19°, 42%, 62%
HSV	19°, 41%, 78%
XYZ	36.5813, 33.0714, 21.2777
YIQ	156.7800, 41.7220, 3.7860

Conversions

Conversions Part 2

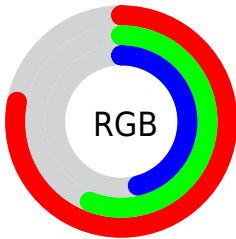
Format	Color
RYB	199, 155, 117
Decimal	13078389
CIELab	64.22, 17.93, 22.25
CIElCh	64, 28.573, 51.133
Yxy	33.0714, 0.4023, 0.3637
Android (android.graphics.Color)	4291268469 (0xFFC78F75)
YUV	156.7800, -19.6115, 37.0269
Hunter-Lab	57.5077, 12.9073, 18.3183

Details

The Yxy color **33.0714, 0.4023, 0.3637** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7671, 0.2507, 0.2907**, and the grayscale version is **33.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0571, 0.3825, 0.3584**, and **13.9113, 0.4330, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **28.8197, 0.4335, 0.3716**, and if you desaturate by 10%, it is **37.9193, 0.3750, 0.3551**.

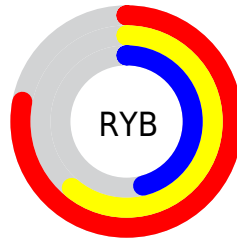
Distribution



Red (78%)

Green (56%)

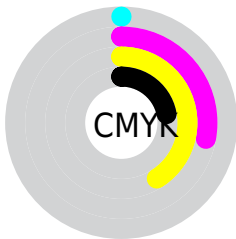
Blue (46%)



Red (78%)

Yellow (61%)

Blue (46%)

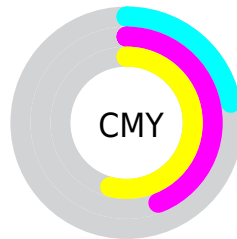


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0714, 0.4023, 0.3637 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 33.0714, 0.4023, 0.3637 by changing the saturation by 10% instead.


 33.0714, 0.4023,
0.3637


 33.0714, 0.4023,
0.3637


315.9713, 0.3546,
0.3471


 22.1811, 0.4150,
0.3674


 64.4870, 0.3843,
0.3579

 13.9901, 0.4318,
0.3718


 85.7811, 0.3778,
0.3557

 8.1138, 0.4548,
0.3769


 111.3120, 0.3723,
0.3537

 4.1678, 0.4877,
0.3820

141.4640, 0.3677,
0.3520

 1.7679, 0.5622,
0.4017

176.6215, 0.3637,
0.3506

 0.4670, 0.6539,
0.3461


217.1690, 0.3603,


 0.0000, 0.0000,

0.3492


0.0000


263.4908, 0.3573,
0.3481


 33.0714, 0.4023,
0.3637


 33.0714, 0.4023,
0.3637


 28.8197, 0.4335,
0.3716

 37.9193, 0.3750,
0.3551


 25.1356, 0.4678,
0.3778


 43.3812, 0.3515,
0.3463


 21.9950, 0.5039,
0.3813


 49.4798, 0.3315,
0.3379


 19.3700, 0.5392,
0.3807

 56.2353, 0.3146,
0.3299


 17.2296, 0.5703,
0.3753

 63.6671, 0.3003,
0.3225

 15.7147, 0.5927,
0.3676

 71.7935, 0.2882,
0.3158

 80.5507, 0.2786,
0.3109

 88.7619, 0.2797,
0.3254

 90.8792, 0.2800,
0.3289

Harmonies

Analogous

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



33.0714, 0.3893, 0.3278



33.0714, 0.4023, 0.3637



33.0714, 0.3893, 0.3943

Triad

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



33.0714, 0.4023, 0.3637



33.0714, 0.2702, 0.3671



33.0714, 0.2672, 0.2574

Complementary

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



33.0714, 0.4023, 0.3637



37.7671, 0.2507, 0.2907

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.



33.0714, 0.2397, 0.2621



33.0714, 0.4023, 0.3637



33.0714, 0.2412, 0.3228

Square

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



33.0714, 0.4023, 0.3637



33.0714, 0.3119, 0.4006



33.0714, 0.2306, 0.2846



33.0714, 0.3084, 0.2691

Rectangle

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



33.0714, 0.4023, 0.3637



33.0714, 0.3685, 0.4069



33.0714, 0.2306, 0.2846



33.0714, 0.2562, 0.2570

Sweetspot

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



33.0730, 0.4023, 0.3637



85.5757, 0.3333, 0.3387



27.8742, 0.3459, 0.2574



18.0028, 0.3358, 0.3398



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.



33.0730, 0.4023, 0.3637



51.5203, 0.4286, 0.3705



47.6814, 0.3807, 0.4136



11.1775, 0.3282, 0.3364



10.2479, 0.5902, 0.3696



0.6168, 0.5487, 0.4026

Inverse Universe

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



37.7671, 0.2507, 0.2907



60.7353, 0.2391, 0.2812



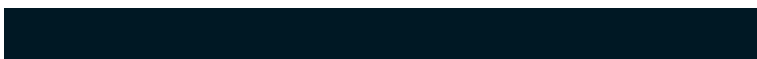
24.4085, 0.2405, 0.2267



11.4775, 0.2984, 0.3215



14.1028, 0.1953, 0.2229



0.7939, 0.2021, 0.2476

Previews

White Background



This preview shows how the Yxy color 33.0714, 0.4023, 0.3637 looks on a white background.

Color Contrast Check

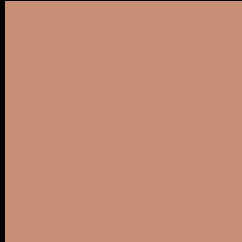
Large Text (above 18pt) WCAG AA × Fail

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 33.0714, 0.4023, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

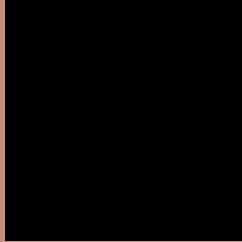
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0714, 0.4023, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 33.0714, 0.4023, 0.3637.



This preview shows how white text looks on a background with the Yxy color 33.0714, 0.4023, 0.3637.

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

33.0714, 0.4023, 0.3637

Protanopia

33.3140, 0.3543, 0.3784

Deuteranopia

33.2640, 0.3833, 0.3769



Tritanopia

33.1917, 0.3716, 0.3161

Trichromacy



Original Color

33.0714, 0.4023, 0.3637

Protanomaly

32.9787, 0.3712, 0.3723

Deuteranomaly

32.9472, 0.3903, 0.3719

Tritanomaly

32.9798, 0.3837, 0.3332

Monochromacy



Original Color

33.0714, 0.4023, 0.3637

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1801, 0.3431, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0714, 0.4023, 0.3637 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(199, 143, 117)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 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(199, 143, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 117) }
```

Border

The CSS property to change the border of an element to Yxy 33.0714, 0.4023, 0.3637 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(199, 143, 117) }
```

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

```
.border{ border-color:rgb(199, 143, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 117);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0714, 0.4023, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 143, 117) }
```

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

```
.background{ background-color: rgb(199,  
143, 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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