

Converting Colors

$Y_{xy}(31.7276, 0.4020, 0.3512)$

Have a look what the booklet for
Yxy(31.7276, 0.4020, 0.3512)
contains.

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Color

Yxy(31.8368, 0.4017, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	C88A79
RGB	200, 138, 121
RGB Percent	78%, 54%, 47%
CMY	0.2156, 0.4588, 0.5254
CMYK	0.00, 0.31, 0.39, 0.22
HSL	13°, 42%, 63%
HSV	13°, 39%, 78%
XYZ	36.3629, 31.8368, 22.3229
YIQ	154.6000, 42.4090, 7.8570

Conversions

Conversions Part 2

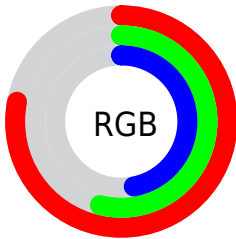
Format	Color
R _Y B	200, 143, 121
Decimal	13142649
CIE Lab	63.21, 21.56, 18.63
CIE LCh	63, 28.499, 40.834
Yxy	31.8368, 0.4017, 0.3517
Android (android.graphics.Color)	4291332729 (0xFFC88A79)
YUV	154.6000, -16.5648, 39.8158
Hunter-Lab	56.4241, 16.2934, 16.0402

Details

The Yxy color **31.8368, 0.4017, 0.3517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1188, 0.2549, 0.3045**, and the grayscale version is **32.6544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9764, 0.3809, 0.3491**, and **13.3766, 0.4321, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **27.2128, 0.4353, 0.3571**, and if you desaturate by 10%, it is **37.2171, 0.3729, 0.3458**.

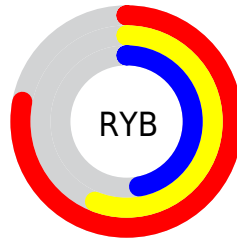
Distribution



Red (78%)

Green (54%)

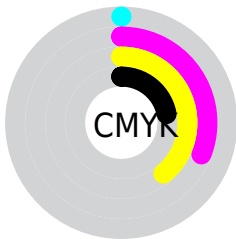
Blue (47%)



Red (78%)

Yellow (56%)

Blue (47%)

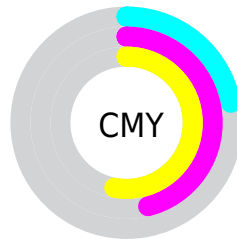


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8368, 0.4017, 0.3517 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 31.8368, 0.4017, 0.3517 by changing the saturation by 10% instead.

 31.8368, 0.4017,
0.3517


 31.8368, 0.4017,
0.3517


310.3752, 0.3540,
0.3412

 21.2369, 0.4147,
0.3538


 62.5552, 0.3836,
0.3482

 13.2973, 0.4319,
0.3562


 83.4424, 0.3770,
0.3468

 7.6336, 0.4558,
0.3587


 108.5275, 0.3715,
0.3456

 3.8614, 0.4908,
0.3602

138.1949, 0.3669,
0.3445

 1.5963, 0.5639,
0.3692

172.8289, 0.3630,
0.3435

 0.3551, 0.7087,
0.2913

212.8141, 0.3596,

 0.0000, 0.0000,

0.3427

0.0000

258.5347, 0.3566,
0.3419

■ 31.8368, 0.4017,
0.3517

■ 31.8368, 0.4017,
0.3517

■ 27.2128, 0.4353,
0.3571

■ 37.2171, 0.3729,
0.3458

■ 23.3062, 0.4732,
0.3613

■ 43.3810, 0.3488,
0.3398

■ 20.0817, 0.5137,
0.3633


■ 50.3601, 0.3286,
0.3341

■ 17.4991, 0.5537,
0.3622


■ 58.1828, 0.3119,
0.3287

■ 15.5136, 0.5884,
0.3573


■ 66.8763, 0.2981,
0.3238

 14.0688, 0.6145,
0.3497

 76.4664, 0.2866,
0.3193

 14.0085, 0.6157,
0.3494

 86.5835, 0.2800,
0.3215

 91.0215, 0.2805,
0.3289

Harmonies

Analogous

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



31.8368, 0.3798, 0.3155



31.8368, 0.4017, 0.3517



31.8368, 0.3973, 0.3855

Triad

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



31.8368, 0.4017, 0.3517



31.8368, 0.2832, 0.3813



31.8368, 0.2553, 0.2564

Complementary

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



31.8368, 0.4017, 0.3517



42.1188, 0.2549, 0.3045

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.



31.8368, 0.2337, 0.2672



31.8368, 0.4017, 0.3517



31.8368, 0.2486, 0.3381

Square

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



31.8368, 0.4017, 0.3517



31.8368, 0.3274, 0.4076



31.8368, 0.2312, 0.2959



31.8368, 0.2930, 0.2628

Rectangle

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



31.8368, 0.4017, 0.3517



31.8368, 0.3808, 0.4022



31.8368, 0.2312, 0.2959



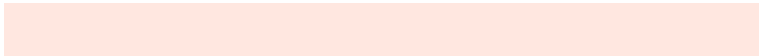
31.8368, 0.2461, 0.2580

Sweetspot

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



31.8383, 0.4017, 0.3517



83.8025, 0.3337, 0.3356



29.4301, 0.3338, 0.2497



17.5878, 0.3362, 0.3364



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.



31.8383, 0.4017, 0.3517



48.4717, 0.4288, 0.3562



44.8371, 0.3821, 0.3997



11.0004, 0.3284, 0.3340



9.0143, 0.6134, 0.3511



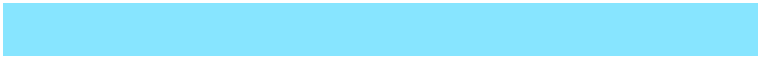
0.5363, 0.5725, 0.3836

Inverse Universe

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



42.1188, 0.2549, 0.3045



68.5550, 0.2446, 0.2986



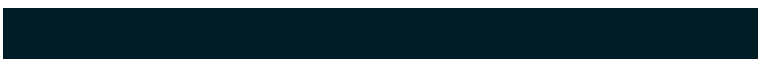
28.4013, 0.2460, 0.2460



11.6657, 0.2984, 0.3239



18.1219, 0.2053, 0.2590



0.9573, 0.2098, 0.2752

Previews

White Background



This preview shows how the Yxy color 31.8368, 0.4017, 0.3517 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 31.8368, 0.4017, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

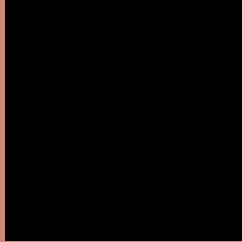
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8368, 0.4017, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 31.8368, 0.4017, 0.3517.



This preview shows how white text looks on a background with the Yxy color 31.8368, 0.4017, 0.3517.

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

31.8368, 0.4017, 0.3517

Protanopia

32.0224, 0.3461, 0.3671

Deuteranopia

31.9026, 0.3772, 0.3693



Tritanopia

31.9288, 0.3775, 0.3161

Trichromacy



Original Color

31.8368, 0.4017, 0.3517

Protanomaly

31.8906, 0.3661, 0.3626

Deuteranomaly

31.8674, 0.3854, 0.3627

Tritanomaly

31.8034, 0.3865, 0.3292

Monochromacy



Original Color

31.8368, 0.4017, 0.3517

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.1360, 0.3417, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8368, 0.4017, 0.3517 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(200, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 121)  
}
```

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(200, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.8368, 0.4017, 0.3517 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(200, 138, 121) }
```

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

```
.border{ border-color:rgb(200, 138, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8368, 0.4017, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 121) }
```

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

```
.background{ background-color: rgb(200,  
138, 121) }
```

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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