

Converting Colors

$Yxy(36.8783, 0.3747, 0.3477)$

Have a look what the booklet for
Yxy(36.8783, 0.3747, 0.3477)
contains.

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Color

Yxy(36.7887, 0.3742, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	C7998B
RGB	199, 153, 139
RGB Percent	78%, 60%, 55%
CMY	0.2196, 0.4000, 0.4549
CMYK	0.00, 0.23, 0.30, 0.22
HSL	14°, 35%, 66%
HSV	14°, 30%, 78%
XYZ	39.6039, 36.7887, 29.4437
YIQ	165.1580, 31.9100, 5.3980

Conversions

Conversions Part 2

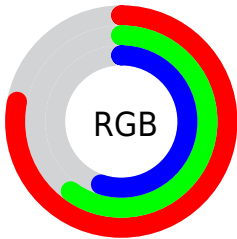
Format	Color
R _Y B	199, 157, 139
Decimal	13080971
CIE Lab	67.12, 15.19, 13.97
CIE LCh	67, 20.637, 42.623
Yxy	36.7887, 0.3742, 0.3476
Android (android.graphics.Color)	4291271051 (0xFFC7998B)
YUV	165.1580, -12.8959, 29.6794
Hunter-Lab	60.6537, 10.4080, 13.6759

Details

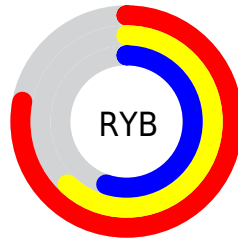
The Yxy color **36.7887, 0.3742, 0.3476** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3104, 0.2675, 0.3095**, and the grayscale version is **37.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6914, 0.3613, 0.3446**, and **16.1533, 0.3940, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **31.5814, 0.4029, 0.3540**, and if you desaturate by 10%, it is **42.7439, 0.3500, 0.3411**.

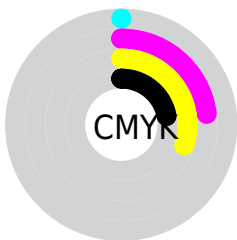
Distribution



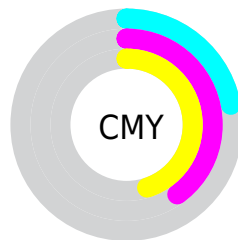
- Red (78%)
- Green (60%)
- Blue (55%)



- Red (78%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7887, 0.3742, 0.3476 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 36.7887, 0.3742, 0.3476 by changing the saturation by 10% instead.


 36.7887, 0.3742,
0.3476


 36.7887, 0.3742,
0.3476


332.3948, 0.3420,
0.3387


 25.0439, 0.3827,
0.3497


 70.2477, 0.3621,
0.3445

 16.1098, 0.3940,
0.3522


 92.7307, 0.3577,
0.3433

 9.6019, 0.4094,
0.3552


 119.5619, 0.3540,
0.3422

 5.1358, 0.4318,
0.3589

151.1257, 0.3509,
0.3413

 2.3272, 0.4670,
0.3628

187.8065, 0.3482,
0.3405

 0.7880, 0.5937,
0.4063

229.9887, 0.3458,

 0.0000, 1.0000,

0.3398

0.0000

278.0567, 0.3438,
0.3392

0.0000, 0.0000,
0.0000

36.7887, 0.3742,
0.3476

36.7887, 0.3742,
0.3476

31.5814, 0.4029,
0.3540

42.7439, 0.3500,
0.3411

27.0870, 0.4362,
0.3598

49.4700, 0.3298,
0.3349

23.2754, 0.4736,
0.3643

56.9951, 0.3129,
0.3291

20.1125, 0.5134,
0.3665

65.3446, 0.2989,
0.3237

17.5606, 0.5525,
0.3653

74.5426, 0.2872,
0.3188

■ 15.5782, 0.5864,
0.3601

■ 84.3910, 0.2792,
0.3179

■ 14.1290, 0.6120,
0.3523

■ 90.8812, 0.2800,
0.3289

Harmonies

Analogous

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



36.7887, 0.3602, 0.3216



36.7887, 0.3742, 0.3476



36.7887, 0.3706, 0.3705

Triad

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



36.7887, 0.3742, 0.3476



36.7887, 0.2910, 0.3628



36.7887, 0.2739, 0.2776

Complementary

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



36.7887, 0.3742, 0.3476



44.3104, 0.2675, 0.3095

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.



36.7887, 0.2575, 0.2853



36.7887, 0.3742, 0.3476



36.7887, 0.2669, 0.3340

Square

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



36.7887, 0.3742, 0.3476



36.7887, 0.3218, 0.3814



36.7887, 0.2549, 0.3054



36.7887, 0.3012, 0.2826

Rectangle

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



36.7887, 0.3742, 0.3476



36.7887, 0.3591, 0.3808



36.7887, 0.2549, 0.3054



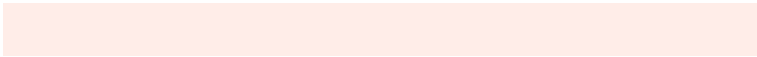
36.7887, 0.2670, 0.2787

Sweetspot

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



36.7904, 0.3742, 0.3476



87.8921, 0.3279, 0.3343



34.1549, 0.3288, 0.2697



18.4173, 0.3306, 0.3352



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.



36.7904, 0.3742, 0.3476



58.4504, 0.3920, 0.3517



47.4610, 0.3635, 0.3839



11.0319, 0.3284, 0.3345



9.1989, 0.6097, 0.3541



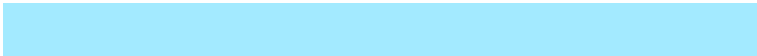
0.5505, 0.5680, 0.3872

Inverse Universe

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



44.3104, 0.2675, 0.3095



73.6348, 0.2586, 0.3047



33.3923, 0.2628, 0.2672



11.6318, 0.2984, 0.3235



17.3494, 0.2035, 0.2526



0.9265, 0.2084, 0.2703

Previews

White Background



This preview shows how the Yxy color 36.7887, 0.3742, 0.3476 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 36.7887, 0.3742, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

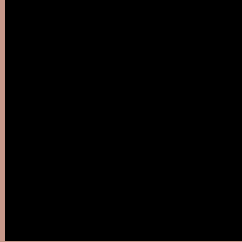
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7887, 0.3742, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 36.7887, 0.3742, 0.3476.



This preview shows how white text looks on a background with the Yxy color 36.7887, 0.3742, 0.3476.

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

36.7887, 0.3742, 0.3476

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

36.6403, 0.3623, 0.3551



Tritanopia

36.8034, 0.3545, 0.3149

Trichromacy



Original Color

36.7887, 0.3742, 0.3476

Protanomaly

36.5730, 0.3506, 0.3529

Deuteranomaly

36.8184, 0.3668, 0.3534

Tritanomaly

36.7125, 0.3614, 0.3265

Monochromacy



Original Color

36.7887, 0.3742, 0.3476

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2371, 0.3328, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7887, 0.3742, 0.3476 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, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 139)  
}
```

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, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 139) }
```

Border

The CSS property to change the border of an element to Yxy 36.7887, 0.3742, 0.3476 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, 153, 139) }
```

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

```
.border{ border-color:rgb(199, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7887, 0.3742, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 139) }
```

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

```
.background{ background-color: rgb(199,  
153, 139) }
```

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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