

Converting Colors

$Yxy(34.2696, 0.3760, 0.3377)$

Have a look what the booklet for
Yxy(34.2696, 0.3760, 0.3377)
contains.

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Color

Yxy(34.1206, 0.3762, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	C6918B
RGB	198, 145, 139
RGB Percent	78%, 57%, 55%
CMY	0.2237, 0.4313, 0.4550
CMYK	0.00, 0.27, 0.30, 0.22
HSL	6°, 34%, 66%
HSV	6°, 30%, 78%
XYZ	38.0669, 34.1206, 29.0005
YIQ	160.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

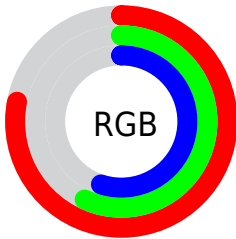
Format	Color
R _Y B	198, 146, 139
Decimal	13013387
CIE Lab	65.06, 19.17, 11.08
CIE LCh	65, 22.139, 30.017
Yxy	34.1206, 0.3762, 0.3372
Android (android.graphics.Color)	4291203467 (0xFFC6918B)
YUV	160.1630, -10.4334, 33.1830
Hunter-Lab	58.4128, 14.1038, 11.4530

Details

The Yxy color **34.1206, 0.3762, 0.3372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2335, 0.2692, 0.3206**, and the grayscale version is **35.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9126, 0.3633, 0.3364**, and **14.5663, 0.3979, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **28.5810, 0.4074, 0.3401**, and if you desaturate by 10%, it is **40.6177, 0.3505, 0.3343**.

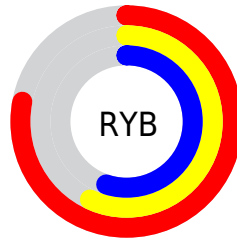
Distribution



Red (78%)

Green (57%)

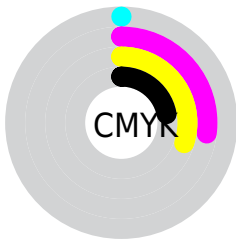
Blue (55%)



Red (78%)

Yellow (57%)

Blue (55%)

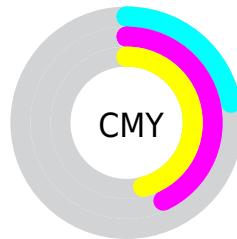


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1206, 0.3762, 0.3372 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 34.1206, 0.3762, 0.3372 by changing the saturation by 10% instead.


 34.1206, 0.3762,
0.3372


 34.1206, 0.3762,
0.3372


320.6695, 0.3425,
0.3336

 22.9863, 0.3853,
0.3379


 66.1212, 0.3635,
0.3361

 14.5834, 0.3973,
0.3386


 87.7562, 0.3588,
0.3356

 8.5275, 0.4141,
0.3392


 113.6602, 0.3550,
0.3352

 4.4343, 0.4390,
0.3393

144.2177, 0.3517,
0.3348

 1.9194, 0.4792,
0.3375

179.8129, 0.3489,
0.3344

 0.5600, 0.6434,
0.3566


220.8304, 0.3465,


 0.0000, 0.0000,


0.3342

0.0000


267.6544, 0.3444,
0.3339


 34.1206, 0.3762,
0.3372


 34.1206, 0.3762,
0.3372


 28.5810, 0.4074,
0.3401


 40.6177, 0.3505,
0.3343


 23.9492, 0.4444,
0.3426


 48.1097, 0.3295,
0.3315


 20.1781, 0.4866,
0.3444

 56.6376, 0.3124,
0.3290

 17.2143, 0.5315,
0.3448

 66.2389, 0.2985,
0.3266

 14.9987, 0.5745,
0.3435

 76.9490, 0.2871,
0.3244

■ 13.4639, 0.6093,
0.3402

■ 88.6224, 0.2792,
0.3254

■ 12.5246, 0.6319,
0.3362

■ 90.7412, 0.2794,
0.3289

■ 12.5105, 0.6323,
0.3361

Harmonies

Analogous

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



34.1206, 0.3537, 0.3095



34.1206, 0.3762, 0.3372



34.1206, 0.3805, 0.3646

Triad

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



34.1206, 0.3762, 0.3372



34.1206, 0.3025, 0.3770



34.1206, 0.2609, 0.2745

Complementary

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



34.1206, 0.3762, 0.3372



47.2335, 0.2692, 0.3206

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.



34.1206, 0.2491, 0.2887



34.1206, 0.3762, 0.3372



34.1206, 0.2721, 0.3484

Square

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



34.1206, 0.3762, 0.3372



34.1206, 0.3368, 0.3903



34.1206, 0.2530, 0.3153



34.1206, 0.2864, 0.2744

Rectangle

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



34.1206, 0.3762, 0.3372



34.1206, 0.3725, 0.3793



34.1206, 0.2530, 0.3153



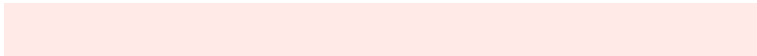
34.1206, 0.2553, 0.2777

Sweetspot

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



34.1222, 0.3762, 0.3372



86.1614, 0.3282, 0.3314



34.2717, 0.3218, 0.2624



17.9944, 0.3310, 0.3318



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.



34.1222, 0.3762, 0.3372



53.6421, 0.3966, 0.3391



44.2822, 0.3653, 0.3749



10.8086, 0.3287, 0.3314



8.1992, 0.6309, 0.3372



0.4490, 0.6042, 0.3585

Inverse Universe

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



47.2335, 0.2692, 0.3206



80.7015, 0.2605, 0.3184



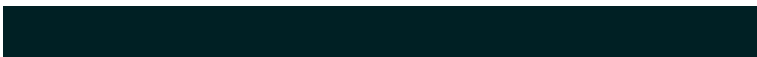
35.6088, 0.2646, 0.2783



11.8750, 0.2984, 0.3266



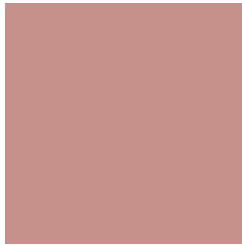
23.3652, 0.2158, 0.2969



1.1612, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 34.1206, 0.3762, 0.3372 looks on a white background.

Color Contrast Check

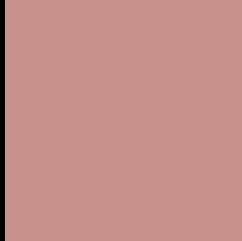
Large Text (above 18pt) WCAG AA × Fail

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 34.1206, 0.3762, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

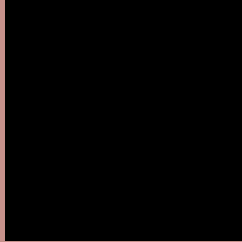
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1206, 0.3762, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 34.1206, 0.3762, 0.3372.



This preview shows how white text looks on a background with the Yxy color 34.1206, 0.3762, 0.3372.

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

34.1206, 0.3762, 0.3372

Protanopia

34.4216, 0.3297, 0.3468

Deuteranopia

34.1152, 0.3566, 0.3489



Tritanopia

34.2574, 0.3627, 0.3148

Trichromacy



Original Color

34.1206, 0.3762, 0.3372

Protanomaly

33.9957, 0.3460, 0.3434

Deuteranomaly

33.8947, 0.3640, 0.3444

Tritanomaly

34.2586, 0.3668, 0.3226

Monochromacy



Original Color

34.1206, 0.3762, 0.3372

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7084, 0.3347, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1206, 0.3762, 0.3372 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(198, 145, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 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(198, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.1206, 0.3762, 0.3372 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(198, 145, 139) }
```

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

```
.border{ border-color:rgb(198, 145, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1206, 0.3762, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 139) }
```

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

```
.background{ background-color: rgb(198,  
145, 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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