

Converting Colors

$Y_{xy}(33.3277, 0.3978, 0.3620)$

Have a look what the booklet for
Yxy(33.3277, 0.3978, 0.3620)
contains.

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Color

Yxy(33.3084, 0.3974, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	C69078
RGB	198, 144, 120
RGB Percent	78%, 56%, 47%
CMY	0.2236, 0.4352, 0.5295
CMYK	0.00, 0.27, 0.39, 0.22
HSL	18°, 41%, 62%
HSV	18°, 39%, 78%
XYZ	36.6466, 33.3084, 22.2609
YIQ	157.4100, 39.8880, 3.9840

Conversions

Conversions Part 2

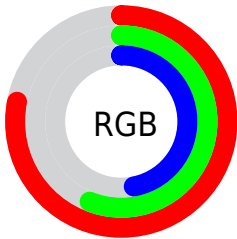
Format	Color
RYB	198, 155, 120
Decimal	13013112
CIELab	64.41, 17.32, 20.82
CIELCh	64, 27.081, 50.234
Yxy	33.3084, 0.3974, 0.3612
Android (android.graphics.Color)	4291203192 (0xFFC69078)
YUV	157.4100, -18.4431, 35.5974
Hunter-Lab	57.7134, 12.3446, 17.5304

Details

The Yxy color **33.3084, 0.3974, 0.3612** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3173, 0.2534, 0.2938**, and the grayscale version is **33.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6267, 0.3798, 0.3563**, and **14.0344, 0.4259, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **28.9770, 0.4281, 0.3690**, and if you desaturate by 10%, it is **38.2458, 0.3706, 0.3528**.

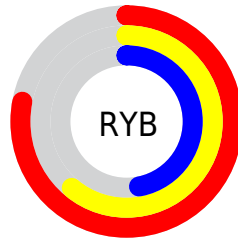
Distribution



Red (78%)

Green (56%)

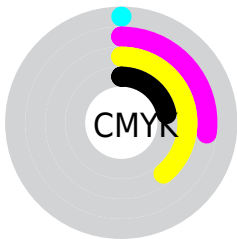
Blue (47%)



Red (78%)

Yellow (61%)

Blue (47%)

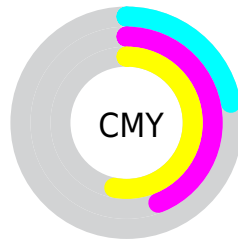


Cyan (0%)

Magenta (27%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3084, 0.3974, 0.3612 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 33.3084, 0.3974, 0.3612 by changing the saturation by 10% instead.


 33.3084, 0.3974,
0.3612


 33.3084, 0.3974,
0.3612


317.0371, 0.3524,
0.3457


 22.3628, 0.4094,
0.3647


 64.8567, 0.3804,
0.3558

 14.1237, 0.4254,
0.3689


 86.2282, 0.3742,
0.3537

 8.2068, 0.4472,
0.3738


 111.8438, 0.3691,
0.3519

 4.2275, 0.4787,
0.3790

142.0879, 0.3647,
0.3503

 1.8016, 0.5440,
0.3944

177.3449, 0.3610,
0.3489

 0.4882, 0.6452,
0.3548

217.9992, 0.3577,

 0.0000, 0.0000,

0.3477

0.0000

264.4351, 0.3549,
0.3467

■ 33.3084, 0.3974,
0.3612

■ 33.3084, 0.3974,
0.3612

■ 28.9770, 0.4281,
0.3690

■ 38.2458, 0.3706,
0.3528

■ 25.2226, 0.4624,
0.3754

■ 43.8071, 0.3477,
0.3443

■ 22.0211, 0.4987,
0.3793


■ 50.0153, 0.3282,
0.3362


■ 19.3444, 0.5348,
0.3794


■ 56.8909, 0.3118,
0.3286

■ 17.1616, 0.5672,
0.3748

■ 64.4532, 0.2980,
0.3215

 15.4328, 0.5935,
0.3663

 72.7210, 0.2863,
0.3150

 15.3411, 0.5950,
0.3658

 81.4804, 0.2782,
0.3128

 89.8467, 0.2793,
0.3274

 90.7426, 0.2794,
0.3289

Harmonies

Analogous

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



33.3084, 0.3843, 0.3270



33.3084, 0.3974, 0.3612



33.3084, 0.3859, 0.3903

Triad

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



33.3084, 0.3974, 0.3612



33.3084, 0.2736, 0.3661



33.3084, 0.2686, 0.2609

Complementary

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



33.3084, 0.3974, 0.3612



38.3173, 0.2534, 0.2938

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.



33.3084, 0.2429, 0.2660



33.3084, 0.3974, 0.3612



33.3084, 0.2455, 0.3246

Square

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



33.3084, 0.3974, 0.3612



33.3084, 0.3134, 0.3970



33.3084, 0.2348, 0.2881



33.3084, 0.3075, 0.2716

Rectangle

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



33.3084, 0.3974, 0.3612



33.3084, 0.3667, 0.4024



33.3084, 0.2348, 0.2881



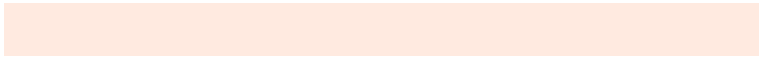
33.3084, 0.2583, 0.2607

Sweetspot

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



33.3100, 0.3974, 0.3612



85.4124, 0.3333, 0.3384



28.5098, 0.3425, 0.2590



17.9646, 0.3358, 0.3395



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.



33.3100, 0.3974, 0.3612



52.5505, 0.4227, 0.3678



46.9689, 0.3781, 0.4085



11.1612, 0.3282, 0.3362



10.1140, 0.5925, 0.3677



0.6091, 0.5508, 0.4009

Inverse Universe

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



38.3173, 0.2534, 0.2938



62.5605, 0.2421, 0.2849



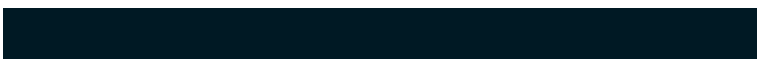
25.5585, 0.2444, 0.2341



11.4946, 0.2984, 0.3217



14.4411, 0.1962, 0.2262



0.8080, 0.2028, 0.2502

Previews

White Background



This preview shows how the Yxy color 33.3084, 0.3974, 0.3612 looks on a white background.

Color Contrast Check

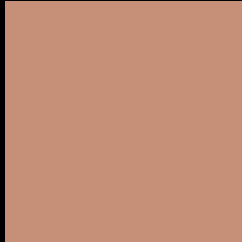
Large Text (above 18pt) WCAG AA × Fail

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 33.3084, 0.3974, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

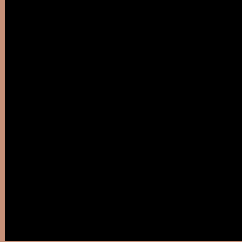
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3084, 0.3974, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 33.3084, 0.3974, 0.3612.



This preview shows how white text looks on a background with the Yxy color 33.3084, 0.3974, 0.3612.

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

33.3084, 0.3974, 0.3612

Protanopia

33.3903, 0.3514, 0.3739

Deuteranopia

33.3349, 0.3802, 0.3727



Tritanopia

33.3757, 0.3691, 0.3161

Trichromacy



Original Color

33.3084, 0.3974, 0.3612

Protanomaly

33.3767, 0.3677, 0.3694

Deuteranomaly

33.3305, 0.3866, 0.3692

Tritanomaly

33.1932, 0.3799, 0.3318

Monochromacy



Original Color

33.3084, 0.3974, 0.3612

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2407, 0.3411, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3084, 0.3974, 0.3612 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, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 120)  
}
```

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, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 120) }
```

Border

The CSS property to change the border of an element to Yxy 33.3084, 0.3974, 0.3612 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, 144, 120) }
```

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

```
.border{ border-color:rgb(198, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3084, 0.3974, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 120) }
```

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

```
.background{ background-color: rgb(198,  
144, 120) }
```

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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