

Converting Colors

$Y_{xy}(34.2673, 0.4012, 0.3916)$

Have a look what the booklet for
Yxy(34.2673, 0.4012, 0.3916)
contains.

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Color

Yxy(34.2295, 0.4014, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	BF9769
RGB	191, 151, 105
RGB Percent	75%, 59%, 41%
CMY	0.2509, 0.4078, 0.5882
CMYK	0.00, 0.21, 0.45, 0.25
HSL	32°, 40%, 58%
HSV	32°, 45%, 75%
XYZ	35.1040, 34.2295, 18.1205
YIQ	157.7160, 38.6060, -5.8260

Conversions

Conversions Part 2

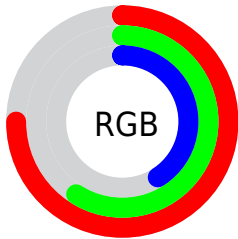
Format	Color
RYB	180, 191, 105
Decimal	12556137
CIELab	65.14, 8.98, 29.89
CIElCh	65, 31.213, 73.285
Yxy	34.2295, 0.4014, 0.3914
Android (android.graphics.Color)	4290746217 (0xFFBF9769)
YUV	157.7160, -25.9890, 29.1901
Hunter-Lab	58.5060, 4.7159, 22.5909

Details

The Yxy color **34.2295, 0.4014, 0.3914** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0182, 0.2402, 0.2560**, and the grayscale version is **34.1645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2367, 0.3841, 0.3799**, and **14.6440, 0.4294, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **31.1285, 0.4264, 0.4040**, and if you desaturate by 10%, it is **37.6375, 0.3780, 0.3775**.

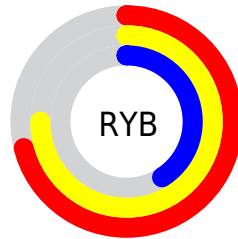
Distribution



Red (75%)

Green (59%)

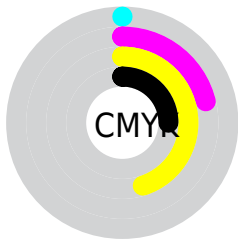
Blue (41%)



Red (71%)

Yellow (75%)

Blue (41%)

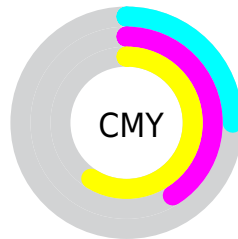


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (41%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2295, 0.4014, 0.3914 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 34.2295, 0.4014, 0.3914 by changing the saturation by 10% instead.


 34.2295, 0.4014,
0.3914


 34.2295, 0.4014,
0.3914


321.1542, 0.3551,
0.3602


 23.0700, 0.4133,
0.3988


 66.2904, 0.3842,
0.3803

 14.6452, 0.4287,
0.4079


 87.9606, 0.3779,
0.3760

 8.5707, 0.4491,
0.4191

 113.9030, 0.3725,
0.3724

 4.4623, 0.4765,
0.4323

 144.5022, 0.3680,
0.3693

 1.9354, 0.5358,
0.4642

180.1426, 0.3641,
0.3666

 0.5695, 0.5718,
0.4282

221.2084, 0.3607,

 0.0000, 0.0000,

0.3642

0.0000

268.0841, 0.3577,
0.3621

■ 34.2295, 0.4014,
0.3914

■ 34.2295, 0.4014,
0.3914

■ 31.1285, 0.4264,
0.4040

■ 37.6375, 0.3780,
0.3775

■ 28.3189, 0.4523,
0.4143

■ 41.3577, 0.3566,
0.3632

■ 25.7908, 0.4778,
0.4210

■ 45.4011, 0.3374,
0.3491

■ 23.5313, 0.5013,
0.4230

■ 49.7766, 0.3205,
0.3355

■ 21.5257, 0.5215,
0.4196

■ 54.4927, 0.3055,
0.3228

■ 20.6120, 0.5308,
0.4167

■ 59.5577, 0.2925,
0.3109

■ 64.9793, 0.2810,
0.3000

■ 70.5831, 0.2725,
0.2928

■ 75.4303, 0.2734,
0.3028

Harmonies

Analogous

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



34.2295, 0.4086, 0.3559



34.2295, 0.4014, 0.3914



34.2295, 0.3698, 0.4140

Triad

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



34.2295, 0.4014, 0.3914



34.2295, 0.2421, 0.3346



34.2295, 0.2953, 0.2600

Complementary

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



34.2295, 0.4014, 0.3914



27.0182, 0.2402, 0.2560

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.



34.2295, 0.2542, 0.2517



34.2295, 0.4014, 0.3914



34.2295, 0.2255, 0.2902

Square

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



34.2295, 0.4014, 0.3914



34.2295, 0.2775, 0.3818



34.2295, 0.2298, 0.2614



34.2295, 0.3446, 0.2835

Rectangle

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



34.2295, 0.4014, 0.3914



34.2295, 0.3401, 0.4160



34.2295, 0.2298, 0.2614



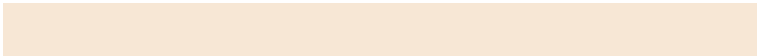
34.2295, 0.2802, 0.2554

Sweetspot

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



34.2311, 0.4014, 0.3914



81.9152, 0.3360, 0.3479



23.2290, 0.3745, 0.2747



17.6271, 0.3399, 0.3510



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2311, 0.4014, 0.3914



55.8376, 0.4260, 0.4038



48.9954, 0.3761, 0.4392



10.3585, 0.3275, 0.3413



13.7070, 0.5289, 0.4182



0.6667, 0.4959, 0.4444

Inverse Universe

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



27.0182, 0.2402, 0.2560



41.3157, 0.2247, 0.2364



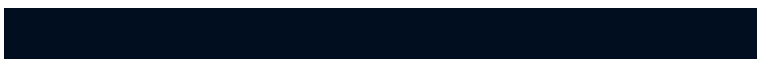
17.0445, 0.2313, 0.1912



9.9372, 0.2984, 0.3164



7.3086, 0.1746, 0.1484



0.4172, 0.1873, 0.1943

Previews

White Background



This preview shows how the Yxy color 34.2295, 0.4014, 0.3914 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 34.2295, 0.4014, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

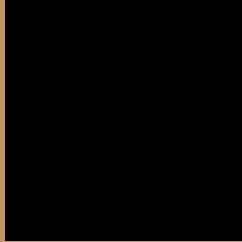
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2295, 0.4014, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 34.2295, 0.4014, 0.3914.



This preview shows how white text looks on a background with the Yxy color 34.2295, 0.4014, 0.3914.

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

34.2295, 0.4014, 0.3914

Protanopia

34.1944, 0.3731, 0.4021

Deuteranopia

34.1003, 0.4003, 0.3917



Tritanopia

34.3869, 0.3558, 0.3146

Trichromacy



Original Color

34.2295, 0.4014, 0.3914

Protanomaly

33.9692, 0.3831, 0.3976

Deuteranomaly

34.1003, 0.4003, 0.3917

Tritanomaly

34.1429, 0.3733, 0.3427

Monochromacy



Original Color

34.2295, 0.4014, 0.3914

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8528, 0.3432, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2295, 0.4014, 0.3914 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(191, 151, 105)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 105)  
}
```

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(191, 151, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 105) }
```

Border

The CSS property to change the border of an element to Yxy 34.2295, 0.4014, 0.3914 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(191, 151, 105) }
```

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

```
.border{ border-color:rgb(191, 151, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 151, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 151, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 151, 105); box-shadow:4px 4px 4px 4px rgb(191, 151, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2295, 0.4014, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 105) }
```

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

```
.background{ background-color: rgb(191,  
151, 105) }
```

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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