

Converting Colors

$Yxy(34.4798, 0.3767, 0.3378)$

Have a look what the booklet for
Yxy(34.4798, 0.3767, 0.3378)
contains.

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Color

Yxy(34.5640, 0.3769, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C7928B
RGB	199, 146, 139
RGB Percent	78%, 57%, 55%
CMY	0.2196, 0.4275, 0.4548
CMYK	0.00, 0.27, 0.30, 0.22
HSL	7°, 35%, 66%
HSV	7°, 30%, 78%
XYZ	38.4964, 34.5640, 29.0791
YIQ	161.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

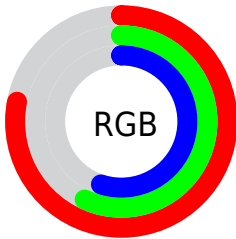
Format	Color
R _Y B	199, 147, 139
Decimal	13079179
CIE Lab	65.41, 19.04, 11.56
CIE LCh	65, 22.279, 31.263
Yxy	34.5640, 0.3769, 0.3384
Android (android.graphics.Color)	4291269259 (0xFFC7928B)
YUV	161.0490, -10.8702, 33.2830
Hunter-Lab	58.7912, 13.9970, 11.8280

Details

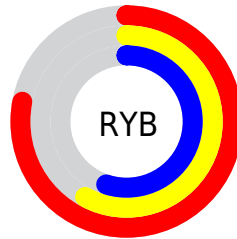
The Yxy color **34.5640, 0.3769, 0.3384** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3342, 0.2686, 0.3193**, and the grayscale version is **35.7061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3743, 0.3630, 0.3374**, and **14.8350, 0.3987, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **29.0238, 0.4080, 0.3416**, and if you desaturate by 10%, it is **41.0477, 0.3512, 0.3351**.

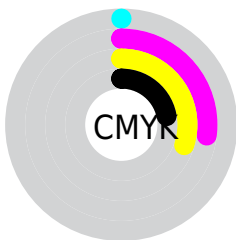
Distribution



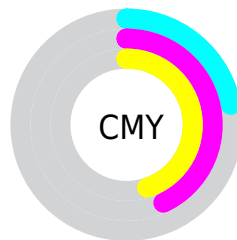
- Red (78%)
- Green (57%)
- Blue (55%)



- Red (78%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5640, 0.3769, 0.3384 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 34.5640, 0.3769, 0.3384 by changing the saturation by 10% instead.


 34.5640, 0.3769,
0.3384


 34.5640, 0.3769,
0.3384


322.6396, 0.3429,
0.3342


 23.3272, 0.3860,
0.3392


 66.8098, 0.3641,
0.3370

 14.8353, 0.3982,
0.3401


 88.5876, 0.3594,
0.3365

 8.7039, 0.4150,
0.3409


 114.6478, 0.3555,
0.3360

 4.5485, 0.4398,
0.3414

145.3749, 0.3522,
0.3356

 1.9849, 0.4798,
0.3401

181.1532, 0.3494,
0.3352

 0.5987, 0.6366,
0.3634


222.3672, 0.3469,


 0.0000, 0.0000,

0.3348

0.0000

269.4012, 0.3448,
0.3345


 34.5640, 0.3769,
0.3384


 34.5640, 0.3769,
0.3384


 29.0238, 0.4080,
0.3416


 41.0477, 0.3512,
0.3351


 24.3783, 0.4449,
0.3445


 48.5109, 0.3301,
0.3320


 20.5821, 0.4867,
0.3465

 56.9937, 0.3129,
0.3290

 17.5834, 0.5312,
0.3470

 66.5325, 0.2989,
0.3263

 15.3250, 0.5737,
0.3455

 77.1618, 0.2874,
0.3239

■ 13.7419, 0.6083,
0.3418

■ 88.6915, 0.2797,
0.3253

■ 12.7614, 0.6308,
0.3373

■ 90.8839, 0.2800,
0.3289

Harmonies

Analogous

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



34.5640, 0.3550, 0.3105



34.5640, 0.3769, 0.3384



34.5640, 0.3804, 0.3657

Triad

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



34.5640, 0.3769, 0.3384



34.5640, 0.3011, 0.3762



34.5640, 0.2616, 0.2741

Complementary

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



34.5640, 0.3769, 0.3384



47.3342, 0.2686, 0.3193

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.



34.5640, 0.2492, 0.2877



34.5640, 0.3769, 0.3384



34.5640, 0.2710, 0.3471

Square

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



34.5640, 0.3769, 0.3384



34.5640, 0.3354, 0.3902



34.5640, 0.2525, 0.3140



34.5640, 0.2876, 0.2745

Rectangle

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



34.5640, 0.3769, 0.3384



34.5640, 0.3718, 0.3801



34.5640, 0.2525, 0.3140



34.5640, 0.2558, 0.2771

Sweetspot

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



34.5656, 0.3769, 0.3384



86.3433, 0.3282, 0.3317



34.4682, 0.3219, 0.2616



18.0388, 0.3310, 0.3321



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.



34.5656, 0.3769, 0.3384



54.1314, 0.3961, 0.3405



44.6761, 0.3660, 0.3755



10.8321, 0.3287, 0.3317



8.2720, 0.6293, 0.3385



0.4597, 0.5999, 0.3619

Inverse Universe

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



47.3342, 0.2686, 0.3193



79.9310, 0.2603, 0.3170



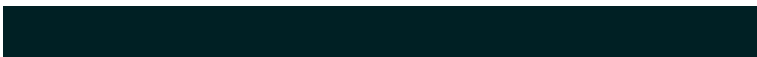
35.8178, 0.2640, 0.2776



11.8490, 0.2984, 0.3262



22.6710, 0.2145, 0.2923



1.1346, 0.2169, 0.3006

Previews

White Background



This preview shows how the Yxy color 34.5640, 0.3769, 0.3384 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 34.5640, 0.3769, 0.3384 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 34.5640, 0.3769, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 34.5640, 0.3769, 0.3384.



This preview shows how white text looks on a background with the Yxy color 34.5640, 0.3769, 0.3384.

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

34.5640, 0.3769, 0.3384

Protanopia

34.8709, 0.3305, 0.3482

Deuteranopia

34.5625, 0.3574, 0.3502



Tritanopia

34.7306, 0.3624, 0.3148

Trichromacy



Original Color

34.5640, 0.3769, 0.3384

Protanomaly

34.4415, 0.3468, 0.3448

Deuteranomaly

34.3390, 0.3648, 0.3457

Tritanomaly

34.7001, 0.3675, 0.3239

Monochromacy



Original Color

34.5640, 0.3769, 0.3384

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1908, 0.3345, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5640, 0.3769, 0.3384 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, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 146, 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, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 146, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.5640, 0.3769, 0.3384 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, 146, 139) }
```

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

```
.border{ border-color:rgb(199, 146, 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, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 146,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5640, 0.3769, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 146, 139) }
```

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

```
.background{ background-color: rgb(199,  
146, 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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