

Converting Colors

$Yxy(34.4561, 0.3786, 0.3472)$

Have a look what the booklet for
Yxy(34.4561, 0.3786, 0.3472)
contains.

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Color

Yxy(34.3244, 0.3787, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	C49386
RGB	196, 147, 134
RGB Percent	77%, 58%, 53%
CMY	0.2313, 0.4235, 0.4745
CMYK	0.00, 0.25, 0.32, 0.23
HSL	13°, 34%, 65%
HSV	13°, 32%, 77%
XYZ	37.5033, 34.3244, 27.2040
YIQ	160.1690, 33.3770, 6.3450

Conversions

Conversions Part 2

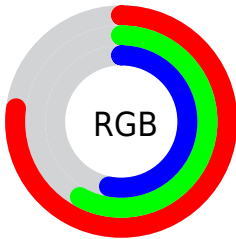
Format	Color
R _Y B	196, 150, 134
Decimal	12882822
CIE Lab	65.22, 16.65, 14.07
CIE LCh	65, 21.795, 40.197
Yxy	34.3244, 0.3787, 0.3466
Android (android.graphics.Color)	4291072902 (0xFFC49386)
YUV	160.1690, -12.9013, 31.4238
Hunter-Lab	58.5870, 11.7359, 13.4805

Details

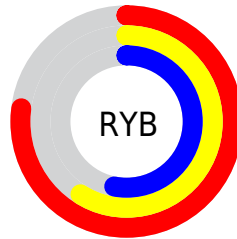
The Yxy color **34.3244, 0.3787, 0.3466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9258, 0.2657, 0.3105**, and the grayscale version is **35.2860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4320, 0.3660, 0.3437**, and **14.6686, 0.4014, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **29.3307, 0.4085, 0.3523**, and if you desaturate by 10%, it is **40.0716, 0.3536, 0.3408**.

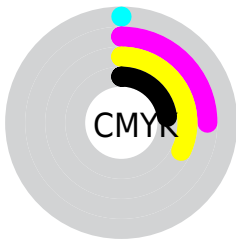
Distribution



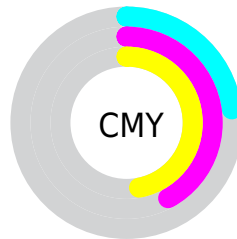
- Red (77%)
- Green (58%)
- Blue (53%)



- Red (77%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3244, 0.3787, 0.3466 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 34.3244, 0.3787, 0.3466 by changing the saturation by 10% instead.


 34.3244, 0.3787,
0.3466


 34.3244, 0.3787,
0.3466


321.5761, 0.3437,
0.3382


 23.1429, 0.3881,
0.3485


 66.4378, 0.3655,
0.3437

 14.6991, 0.4006,
0.3508


 88.1386, 0.3607,
0.3425

 8.6085, 0.4178,
0.3535


 114.1145, 0.3567,
0.3416

 4.4867, 0.4433,
0.3565

144.7500, 0.3533,
0.3407

 1.9494, 0.4842,
0.3590

180.4296, 0.3504,
0.3400

 0.5778, 0.6245,
0.3755

221.5375, 0.3479,

 0.0000, 0.0000,

0.3393

0.0000

268.4582, 0.3457,
0.3387

■ 34.3244, 0.3787,
0.3466

■ 34.3244, 0.3787,
0.3466

■ 29.3307, 0.4085,
0.3523

■ 40.0716, 0.3536,
0.3408

■ 25.0542, 0.4432,
0.3574

■ 46.5969, 0.3326,
0.3351

■ 21.4630, 0.4820,
0.3611

■ 53.9298, 0.3153,
0.3298

■ 18.5207, 0.5229,
0.3624

■ 62.0968, 0.3009,
0.3249

■ 16.1873, 0.5623,
0.3605

■ 71.1231, 0.2889,
0.3205

■ 14.4183, 0.5954,
0.3550

■ 81.0331, 0.2789,
0.3164

■ 13.3287, 0.6165,
0.3487

■ 90.4768, 0.2784,
0.3289

Harmonies

Analogous

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



34.3244, 0.3621, 0.3187



34.3244, 0.3787, 0.3466



34.3244, 0.3763, 0.3719

Triad

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



34.3244, 0.3787, 0.3466



34.3244, 0.2917, 0.3678



34.3244, 0.2690, 0.2738

Complementary

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



34.3244, 0.3787, 0.3466



42.9258, 0.2657, 0.3105

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.



34.3244, 0.2524, 0.2831



34.3244, 0.3787, 0.3466



34.3244, 0.2649, 0.3370

Square

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



34.3244, 0.3787, 0.3466



34.3244, 0.3251, 0.3868



34.3244, 0.2510, 0.3056



34.3244, 0.2976, 0.2782

Rectangle

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



34.3244, 0.3787, 0.3466



34.3244, 0.3646, 0.3838



34.3244, 0.2510, 0.3056



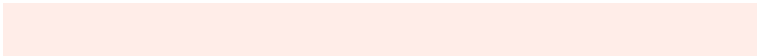
34.3244, 0.2619, 0.2754

Sweetspot

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



34.3260, 0.3787, 0.3466



87.5768, 0.3280, 0.3338



32.2324, 0.3287, 0.2655



18.3402, 0.3307, 0.3346



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.



34.3260, 0.3787, 0.3466



55.7372, 0.3990, 0.3506



45.0632, 0.3667, 0.3854



10.4124, 0.3284, 0.3339



8.6664, 0.6143, 0.3505



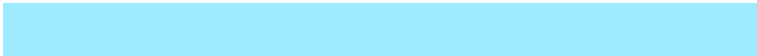
0.4767, 0.5711, 0.3848

Inverse Universe

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



42.9258, 0.2657, 0.3105



73.7372, 0.2563, 0.3058



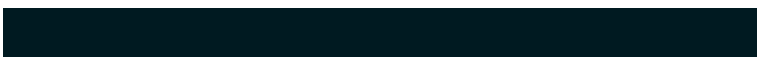
31.7080, 0.2604, 0.2652



11.0584, 0.2984, 0.3241



17.7330, 0.2058, 0.2609



0.8584, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 34.3244, 0.3787, 0.3466 looks on a white background.

Color Contrast Check

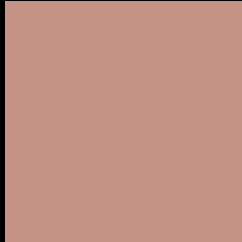
Large Text (above 18pt) WCAG AA × Fail

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 34.3244, 0.3787, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

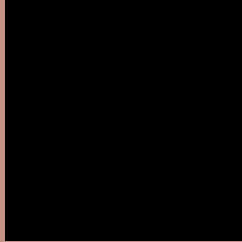
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3244, 0.3787, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 34.3244, 0.3787, 0.3466.



This preview shows how white text looks on a background with the Yxy color 34.3244, 0.3787, 0.3466.

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

34.3244, 0.3787, 0.3466

Protanopia

34.4542, 0.3374, 0.3556

Deuteranopia

34.5432, 0.3635, 0.3572



Tritanopia

34.3188, 0.3592, 0.3147

Trichromacy



Original Color

34.3244, 0.3787, 0.3466

Protanomaly

34.2933, 0.3518, 0.3520

Deuteranomaly

34.5180, 0.3696, 0.3540

Tritanomaly

34.2277, 0.3665, 0.3265

Monochromacy



Original Color

34.3244, 0.3787, 0.3466

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5613, 0.3346, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3244, 0.3787, 0.3466 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(196, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 134)  
}
```

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(196, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.3244, 0.3787, 0.3466 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(196, 147, 134) }
```

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

```
.border{ border-color:rgb(196, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3244, 0.3787, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 134) }
```

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

```
.background{ background-color: rgb(196,  
147, 134) }
```

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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