

Converting Colors

$Yxy(34.0426, 0.3847, 0.3495)$

Have a look what the booklet for
Yxy(34.0426, 0.3847, 0.3495)
contains.

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Color

Yxy(34.1752, 0.3856, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	C69282
RGB	198, 146, 130
RGB Percent	78%, 57%, 51%
CMY	0.2235, 0.4274, 0.4902
CMYK	0.00, 0.26, 0.34, 0.22
HSL	14°, 37%, 64%
HSV	14°, 34%, 78%
XYZ	37.5976, 34.1752, 25.7313
YIQ	159.7240, 36.1280, 6.0480

Conversions

Conversions Part 2

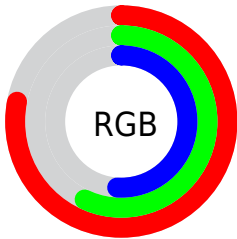
Format	Color
R_{YB}	198, 151, 130
Decimal	13013634
CIE _{Lab}	65.10, 17.46, 16.18
CIE _{LCh}	65, 23.806, 42.815
Yxy	34.1752, 0.3856, 0.3505
Android (android.graphics.Color)	4291203714 (0xFFC69282)
YUV	159.7240, -14.6539, 33.5681
Hunter-Lab	58.4596, 12.4960, 14.8248

Details

The Yxy color **34.1752, 0.3856, 0.3505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2774, 0.2616, 0.3062**, and the grayscale version is **35.0771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9875, 0.3703, 0.3468**, and **14.6181, 0.4099, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **29.3325, 0.4162, 0.3568**, and if you desaturate by 10%, it is **39.7417, 0.3596, 0.3440**.

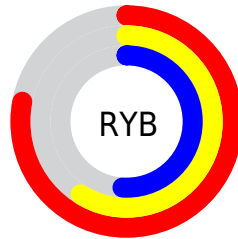
Distribution



Red (78%)

Green (57%)

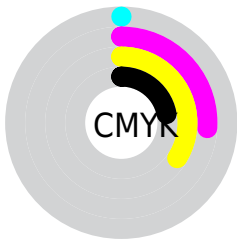
Blue (51%)



Red (78%)

Yellow (59%)

Blue (51%)

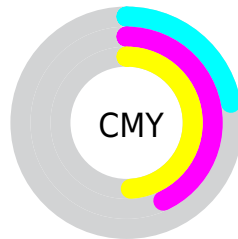


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1752, 0.3856, 0.3505 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 34.1752, 0.3856, 0.3505 by changing the saturation by 10% instead.


 34.1752, 0.3856,
0.3505


 34.1752, 0.3856,
0.3505


320.9126, 0.3469,
0.3403


 23.0282, 0.3960,
0.3528


 66.2060, 0.3710,
0.3469

 14.6143, 0.4097,
0.3555


 87.8587, 0.3657,
0.3456

 8.5492, 0.4287,
0.3588


 113.7820, 0.3613,
0.3444

 4.4483, 0.4565,
0.3623

144.3604, 0.3575,
0.3433

 1.9274, 0.5027,
0.3663

179.9782, 0.3543,
0.3424

 0.5648, 0.6318,
0.3682

221.0200, 0.3515,

 0.0000, 0.0000,

0.3416

0.0000

267.8699, 0.3491,
0.3409

■ 34.1752, 0.3856,
0.3505

■ 34.1752, 0.3856,
0.3505

■ 29.3325, 0.4162,
0.3568

■ 39.7417, 0.3596,
0.3440

■ 25.1786, 0.4512,
0.3622

■ 46.0552, 0.3378,
0.3376

■ 21.6830, 0.4898,
0.3659

■ 53.1440, 0.3196,
0.3315


■ 18.8109, 0.5297,
0.3668

■ 61.0335, 0.3045,
0.3259

■ 16.5239, 0.5671,
0.3640

■ 69.7479, 0.2919,
0.3207

 14.7792, 0.5976,
0.3572

 79.3103, 0.2813,
0.3160

 14.0084, 0.6115,
0.3527

 88.8358, 0.2792,
0.3257

 90.7466, 0.2794,
0.3289

Harmonies

Analogous

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



34.1752, 0.3691, 0.3202



34.1752, 0.3856, 0.3505



34.1752, 0.3810, 0.3776

Triad

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



34.1752, 0.3856, 0.3505



34.1752, 0.2867, 0.3691



34.1752, 0.2672, 0.2688

Complementary

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



34.1752, 0.3856, 0.3505



42.2774, 0.2616, 0.3062

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.



34.1752, 0.2480, 0.2774



34.1752, 0.3856, 0.3505



34.1752, 0.2586, 0.3344

Square

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



34.1752, 0.3856, 0.3505



34.1752, 0.3228, 0.3915



34.1752, 0.2450, 0.3006



34.1752, 0.2992, 0.2748

Rectangle

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



34.1752, 0.3856, 0.3505



34.1752, 0.3671, 0.3901



34.1752, 0.2450, 0.3006



34.1752, 0.2592, 0.2700

Sweetspot

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



34.1768, 0.3856, 0.3505



86.6499, 0.3298, 0.3350



31.3532, 0.3328, 0.2627



18.1699, 0.3324, 0.3358



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.



34.1768, 0.3856, 0.3505



54.1598, 0.4073, 0.3551



46.2079, 0.3710, 0.3931



11.0355, 0.3284, 0.3345



9.2206, 0.6093, 0.3544



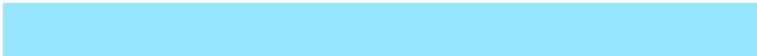
0.5521, 0.5675, 0.3876

Inverse Universe

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



42.2774, 0.2616, 0.3062



70.5579, 0.2518, 0.3005



30.0436, 0.2550, 0.2553



11.6280, 0.2984, 0.3234



17.2643, 0.2033, 0.2519



0.9231, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 34.1752, 0.3856, 0.3505 looks on a white background.

Color Contrast Check

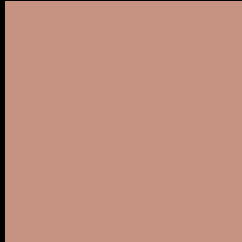
Large Text (above 18pt) WCAG AA × Fail

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 34.1752, 0.3856, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

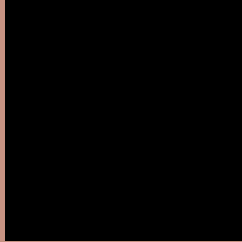
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1752, 0.3856, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 34.1752, 0.3856, 0.3505.



This preview shows how white text looks on a background with the Yxy color 34.1752, 0.3856, 0.3505.

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

34.1752, 0.3856, 0.3505

Protanopia

34.3383, 0.3412, 0.3617

Deuteranopia

34.2318, 0.3691, 0.3614



Tritanopia

34.2242, 0.3638, 0.3161

Trichromacy



Original Color

34.1752, 0.3856, 0.3505

Protanomaly

34.2974, 0.3569, 0.3577

Deuteranomaly

34.2165, 0.3752, 0.3581

Tritanomaly

34.1330, 0.3711, 0.3279

Monochromacy



Original Color

34.1752, 0.3856, 0.3505

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6113, 0.3376, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1752, 0.3856, 0.3505 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, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 146, 130)  
}
```

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, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 146, 130) }
```

Border

The CSS property to change the border of an element to Yxy 34.1752, 0.3856, 0.3505 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, 146, 130) }
```

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

```
.border{ border-color:rgb(198, 146, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 146, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(198, 146,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1752, 0.3856, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 146, 130) }
```

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

```
.background{ background-color: rgb(198,  
146, 130) }
```

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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