

Converting Colors

$Yxy(35.2750, 0.3877, 0.3434)$

Have a look what the booklet for
Yxy(35.2750, 0.3877, 0.3434)
contains.

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Color

Yxy(35.2862, 0.3876, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	CD9287
RGB	205, 146, 135
RGB Percent	80%, 57%, 53%
CMY	0.1961, 0.4274, 0.4705
CMYK	0.00, 0.29, 0.34, 0.20
HSL	9°, 41%, 67%
HSV	9°, 34%, 80%
XYZ	39.8280, 35.2862, 27.6412
YIQ	162.3870, 38.6950, 9.0870

Conversions

Conversions Part 2

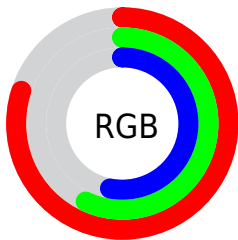
Format	Color
R _Y B	205, 148, 135
Decimal	13472391
CIE Lab	65.97, 20.83, 14.69
CIE LCh	66, 25.493, 35.191
Yxy	35.2862, 0.3876, 0.3434
Android (android.graphics.Color)	4291662471 (0xFFCD9287)
YUV	162.3870, -13.5018, 37.3716
Hunter-Lab	59.4022, 15.7269, 13.9925

Details

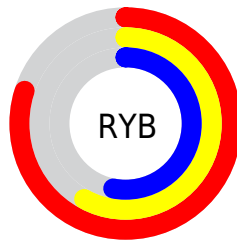
The Yxy color **35.2862, 0.3876, 0.3434** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1453, 0.2628, 0.3139**, and the grayscale version is **36.3746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1994, 0.3662, 0.3416**, and **15.2299, 0.4126, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **29.8335, 0.4201, 0.3476**, and if you desaturate by 10%, it is **41.6588, 0.3603, 0.3390**.

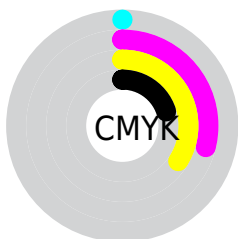
Distribution



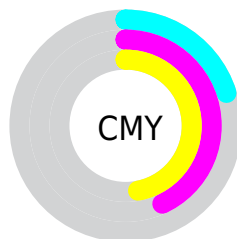
- Red (80%)
- Green (57%)
- Blue (53%)



- Red (80%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2862, 0.3876, 0.3434 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 35.2862, 0.3876, 0.3434 by changing the saturation by 10% instead.


 35.2862, 0.3876,
0.3434


 35.2862, 0.3876,
0.3434


325.8298, 0.3480,
0.3370

 23.8834, 0.3982,
0.3447


 67.9289, 0.3727,
0.3413

 15.2472, 0.4121,
0.3461


 89.9376, 0.3673,
0.3404

 8.9930, 0.4313,
0.3475


 116.2504, 0.3627,
0.3397

 4.7366, 0.4594,
0.3485

147.2517, 0.3589,
0.3390

 2.0936, 0.5037,
0.3474

183.3259, 0.3556,
0.3384

 0.6610, 0.6395,
0.3605

224.8574, 0.3527,


 0.0000, 1.0000,

0.3379


0.0000


272.2306, 0.3502,
0.3374


 0.0000, 0.0000,
0.0000

 35.2862, 0.3876,
0.3434

 35.2862, 0.3876,
0.3434


 29.8335, 0.4201,
0.3476


 41.6588, 0.3603,
0.3390


 25.2531, 0.4579,
0.3511


 48.9857, 0.3378,
0.3347

 21.5009, 0.4997,
0.3533

 57.3061, 0.3194,
0.3306

 18.5269, 0.5428,
0.3533

 66.6552, 0.3042,
0.3268

 16.2755, 0.5823,
0.3505

 77.0666, 0.2917,
0.3234

■ 14.6835, 0.6126,
0.3449

■ 88.3765, 0.2829,
0.3234

■ 14.0208, 0.6257,
0.3414

■ 91.7177, 0.2832,
0.3289

Harmonies

Analogous

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



35.2862, 0.3650, 0.3118



35.2862, 0.3876, 0.3434



35.2862, 0.3884, 0.3737

Triad

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



35.2862, 0.3876, 0.3434



35.2862, 0.2943, 0.3794



35.2862, 0.2580, 0.2662

Complementary

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



35.2862, 0.3876, 0.3434



48.1453, 0.2628, 0.3139

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.



35.2862, 0.2419, 0.2791



35.2862, 0.3876, 0.3434



35.2862, 0.2618, 0.3445

Square

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



35.2862, 0.3876, 0.3434



35.2862, 0.3332, 0.3982



35.2862, 0.2432, 0.3070



35.2862, 0.2888, 0.2689

Rectangle

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



35.2862, 0.3876, 0.3434



35.2862, 0.3768, 0.3893



35.2862, 0.2432, 0.3070



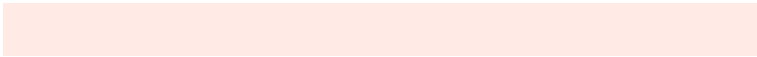
35.2862, 0.2508, 0.2687

Sweetspot

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



35.2879, 0.3876, 0.3434



85.5087, 0.3300, 0.3330



34.2291, 0.3268, 0.2564



17.8958, 0.3327, 0.3336



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.



35.2879, 0.3876, 0.3434



51.0649, 0.4111, 0.3466



47.5728, 0.3730, 0.3860



11.4934, 0.3286, 0.3327



8.8199, 0.6238, 0.3429



0.5472, 0.5902, 0.3696

Inverse Universe

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



48.1453, 0.2628, 0.3139



75.2365, 0.2533, 0.3101



34.5324, 0.2563, 0.2642



12.4153, 0.2983, 0.3253



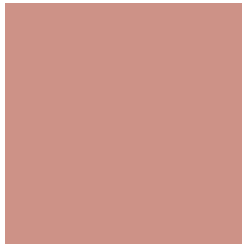
21.4198, 0.2108, 0.2787



1.1878, 0.2138, 0.2895

Previews

White Background



This preview shows how the Yxy color 35.2862, 0.3876, 0.3434 looks on a white background.

Color Contrast Check

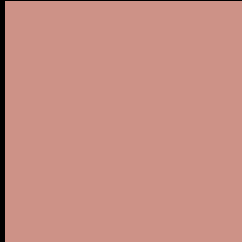
Large Text (above 18pt) WCAG AA × Fail

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 35.2862, 0.3876, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

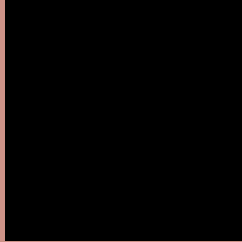
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2862, 0.3876, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 35.2862, 0.3876, 0.3434.



This preview shows how white text looks on a background with the Yxy color 35.2862, 0.3876, 0.3434.

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

35.2862, 0.3876, 0.3434

Protanopia

35.4194, 0.3371, 0.3553

Deuteranopia

35.2438, 0.3663, 0.3583



Tritanopia

35.2434, 0.3701, 0.3152

Trichromacy



Original Color

35.2862, 0.3876, 0.3434

Protanomaly

35.1305, 0.3547, 0.3516

Deuteranomaly

35.1919, 0.3739, 0.3522

Tritanomaly

35.1749, 0.3764, 0.3253

Monochromacy



Original Color

35.2862, 0.3876, 0.3434

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5089, 0.3385, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2862, 0.3876, 0.3434 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(205, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 135)  
}
```

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(205, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 135) }
```

Border

The CSS property to change the border of an element to Yxy 35.2862, 0.3876, 0.3434 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(205, 146, 135) }
```

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

```
.border{ border-color:rgb(205, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 146, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 146, 135); box-shadow:4px 4px 4px 4px rgb(205, 146, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2862, 0.3876, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 146, 135) }
```

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

```
.background{ background-color: rgb(205,  
146, 135) }
```

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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