

Converting Colors

$Yxy(35.3465, 0.3851, 0.3401)$

Have a look what the booklet for
Yxy(35.3465, 0.3851, 0.3401)
contains.

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Color

Yxy(35.3430, 0.3855, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	CD9289
RGB	205, 146, 137
RGB Percent	80%, 57%, 54%
CMY	0.1959, 0.4275, 0.4627
CMYK	0.00, 0.29, 0.33, 0.20
HSL	8°, 41%, 67%
HSV	8°, 33%, 80%
XYZ	39.9787, 35.3430, 28.3843
YIQ	162.6150, 38.0530, 9.7090

Conversions

Conversions Part 2

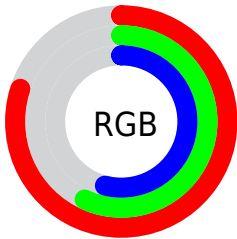
Format	Color
R _Y B	205, 147, 137
Decimal	13472393
CIE _{Lab}	66.01, 21.12, 13.64
CIE _{LCh}	66, 25.139, 32.866
Yxy	35.3430, 0.3855, 0.3408
Android (android.graphics.Color)	4291662473 (0xFFCD9289)
YUV	162.6150, -12.6282, 37.1716
Hunter-Lab	59.4500, 15.9994, 13.3070

Details

The Yxy color **35.3430, 0.3855, 0.3408** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2333, 0.2644, 0.3167**, and the grayscale version is **36.4837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2863, 0.3646, 0.3395**, and **15.2621, 0.4094, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **29.7452, 0.4181, 0.3444**, and if you desaturate by 10%, it is **41.9101, 0.3583, 0.3371**.

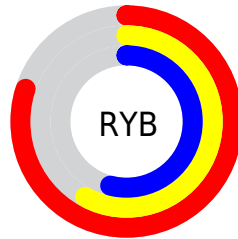
Distribution



Red (80%)

Green (57%)

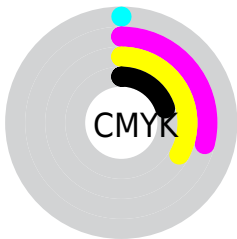
Blue (54%)



Red (80%)

Yellow (58%)

Blue (54%)

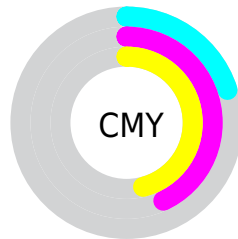


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3430, 0.3855, 0.3408 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 35.3430, 0.3855, 0.3408 by changing the saturation by 10% instead.


 35.3430, 0.3855,
0.3408


 35.3430, 0.3855,
0.3408


326.0797, 0.3471,
0.3356

 23.9272, 0.3958,
0.3418


 68.0168, 0.3710,
0.3391

 15.2796, 0.4093,
0.3428


 90.0436, 0.3658,
0.3384

 9.0159, 0.4280,
0.3438


 116.3762, 0.3613,
0.3378

 4.7515, 0.4554,
0.3442

147.3989, 0.3576,
0.3373

 2.1022, 0.4987,
0.3423

183.4963, 0.3544,
0.3368

 0.6659, 0.6406,
0.3594

225.0526, 0.3516,

 0.0000, 1.0000,

0.3364

0.0000


272.4523, 0.3492,
0.3360


 0.0000, 0.0000,
0.0000


 35.3430, 0.3855,
0.3408


 35.3430, 0.3855,
0.3408


 29.7452, 0.4181,
0.3444


 41.9101, 0.3583,
0.3371


 25.0659, 0.4562,
0.3474


 49.4841, 0.3360,
0.3334


 21.2572, 0.4987,
0.3493

 58.1068, 0.3178,
0.3300

 18.2651, 0.5427,
0.3493

 67.8162, 0.3029,
0.3269

 16.0291, 0.5832,
0.3470

 78.6483, 0.2906,
0.3240

■ 14.4805, 0.6143,
0.3422

■ 90.3094, 0.2831,
0.3266

■ 13.7711, 0.6291,
0.3387

■ 91.7242, 0.2833,
0.3289

Harmonies

Analogous

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



35.3430, 0.3618, 0.3098



35.3430, 0.3855, 0.3408



35.3430, 0.3881, 0.3710

Triad

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



35.3430, 0.3855, 0.3408



35.3430, 0.2975, 0.3808



35.3430, 0.2570, 0.2675

Complementary

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



35.3430, 0.3855, 0.3408



49.2333, 0.2644, 0.3167

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.



35.3430, 0.2423, 0.2815



35.3430, 0.3855, 0.3408



35.3430, 0.2646, 0.3472

Square

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



35.3430, 0.3855, 0.3408



35.3430, 0.3358, 0.3976



35.3430, 0.2450, 0.3100



35.3430, 0.2864, 0.2690

Rectangle

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



35.3430, 0.3855, 0.3408



35.3430, 0.3776, 0.3870



35.3430, 0.2450, 0.3100



35.3430, 0.2503, 0.2704

Sweetspot

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



35.3447, 0.3855, 0.3408



85.1472, 0.3301, 0.3324



34.9135, 0.3241, 0.2559



17.8091, 0.3328, 0.3329



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.



35.3447, 0.3855, 0.3408



51.0016, 0.4088, 0.3435



47.0140, 0.3720, 0.3817



11.4484, 0.3287, 0.3321



8.6493, 0.6274, 0.3400



0.5264, 0.5971, 0.3641

Inverse Universe

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



49.2333, 0.2644, 0.3167



77.2202, 0.2551, 0.3136



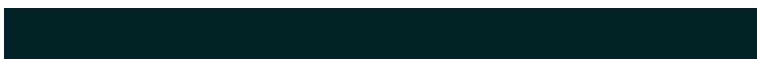
35.9532, 0.2584, 0.2697



12.4646, 0.2983, 0.3259



22.6511, 0.2131, 0.2871



1.2404, 0.2156, 0.2960

Previews

White Background



This preview shows how the Yxy color 35.3430, 0.3855, 0.3408 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 35.3430, 0.3855, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

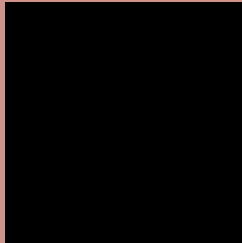
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3430, 0.3855, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 35.3430, 0.3855, 0.3408.



This preview shows how white text looks on a background with the Yxy color 35.3430, 0.3855, 0.3408.

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

35.3430, 0.3855, 0.3408

Protanopia

35.3707, 0.3342, 0.3524

Deuteranopia

35.5062, 0.3629, 0.3569



Tritanopia

35.2434, 0.3701, 0.3152

Trichromacy



Original Color

35.3430, 0.3855, 0.3408

Protanomaly

35.1895, 0.3527, 0.3488

Deuteranomaly

35.4405, 0.3704, 0.3509

Tritanomaly

35.2064, 0.3753, 0.3241

Monochromacy



Original Color

35.3430, 0.3855, 0.3408

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.9120, 0.3364, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3430, 0.3855, 0.3408 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 137) }
```

Border

The CSS property to change the border of an element to Yxy 35.3430, 0.3855, 0.3408 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, 137) }
```

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

```
.border{ border-color:rgb(205, 146, 137) }
```

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, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(205, 146,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3430, 0.3855, 0.3408 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, 137) }
```

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

```
.background{ background-color: rgb(205,  
146, 137) }
```

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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