

Converting Colors

$Y_{xy}(35.5299, 0.3978, 0.3474)$

Have a look what the booklet for
Yxy(35.5299, 0.3978, 0.3474)
contains.

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Color

Yxy(35.5911, 0.3977, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	D29183
RGB	210, 145, 131
RGB Percent	82%, 57%, 51%
CMY	0.1765, 0.4314, 0.4861
CMYK	0.00, 0.31, 0.38, 0.18
HSL	11°, 47%, 67%
HSV	11°, 38%, 82%
XYZ	40.8031, 35.5911, 26.2034
YIQ	162.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

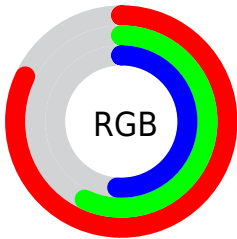
Format	Color
R _{YB}	210, 148, 131
Decimal	13799811
CIE Lab	66.21, 22.85, 17.33
CIE LCh	66, 28.678, 37.184
Yxy	35.5911, 0.3977, 0.3469
Android (android.graphics.Color)	4291989891 (0xFFD29183)
YUV	162.8390, -15.6966, 41.3602
Hunter-Lab	59.6583, 17.6824, 15.7191

Details

The Yxy color **35.5911, 0.3977, 0.3469** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9778, 0.2579, 0.3100**, and the grayscale version is **36.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5675, 0.3697, 0.3448**, and **15.3869, 0.4240, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **30.1927, 0.4316, 0.3515**, and if you desaturate by 10%, it is **41.9122, 0.3690, 0.3420**.

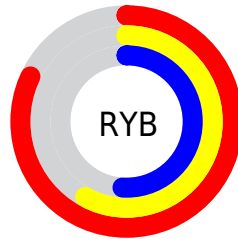
Distribution



Red (82%)

Green (57%)

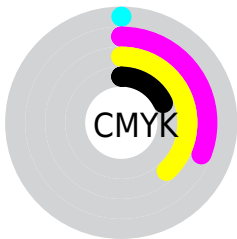
Blue (51%)



Red (82%)

Yellow (58%)

Blue (51%)

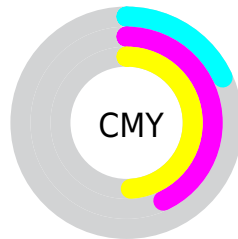


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (18%)



Cyan (18%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5911, 0.3977, 0.3469 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 35.5911, 0.3977, 0.3469 by changing the saturation by 10% instead.


 35.5911, 0.3977,
0.3469


 35.5911, 0.3977,
0.3469


327.1698, 0.3529,
0.3390


 24.1186, 0.4096,
0.3484


 68.4005, 0.3809,
0.3443

 15.4216, 0.4253,
0.3501


 90.5061, 0.3747,
0.3433

 9.1158, 0.4468,
0.3517


 116.9249, 0.3696,
0.3423

 4.8168, 0.4778,
0.3525

148.0412, 0.3652,
0.3415

 2.1402, 0.5272,
0.3511

184.2394, 0.3615,
0.3408

 0.6871, 0.6484,
0.3516

225.9040, 0.3582,

 0.0000, 1.0000,

0.3401

0.0000

273.4193, 0.3554,
0.3395

0.0000, 0.0000,
0.0000

35.5911, 0.3977,
0.3469

35.5911, 0.3977,
0.3469

30.1927, 0.4316,
0.3515

41.9122, 0.3690,
0.3420

25.6686, 0.4704,
0.3551

49.1910, 0.3451,
0.3371

21.9737, 0.5124,
0.3568


57.4674, 0.3253,
0.3324

19.0568, 0.5542,
0.3560


66.7770, 0.3091,
0.3280

16.8608, 0.5909,
0.3519

77.1540, 0.2957,
0.3240

 15.3188, 0.6175,
0.3451

 88.4991, 0.2857,
0.3224

 15.0342, 0.6228,
0.3437

 92.4422, 0.2860,
0.3289

Harmonies

Analogous

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



35.5911, 0.3737, 0.3119



35.5911, 0.3977, 0.3469



35.5911, 0.3967, 0.3804

Triad

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



35.5911, 0.3977, 0.3469



35.5911, 0.2891, 0.3838



35.5911, 0.2535, 0.2588

Complementary

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



35.5911, 0.3977, 0.3469



48.9778, 0.2579, 0.3100

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.



35.5911, 0.2346, 0.2716



35.5911, 0.3977, 0.3469



35.5911, 0.2538, 0.3433

Square

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



35.5911, 0.3977, 0.3469



35.5911, 0.3324, 0.4065



35.5911, 0.2346, 0.3014



35.5911, 0.2885, 0.2630

Rectangle

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



35.5911, 0.3977, 0.3469



35.5911, 0.3825, 0.3976



35.5911, 0.2346, 0.3014



35.5911, 0.2452, 0.2611

Sweetspot

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



35.5928, 0.3977, 0.3469



84.4665, 0.3319, 0.3340



33.9678, 0.3300, 0.2504



17.6988, 0.3345, 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.



35.5928, 0.3977, 0.3469



48.4919, 0.4241, 0.3506



49.4902, 0.3797, 0.3935



12.1415, 0.3286, 0.3332



9.2746, 0.6207, 0.3453



0.6240, 0.5871, 0.3720

Inverse Universe

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



48.9778, 0.2579, 0.3100



72.0649, 0.2480, 0.3053



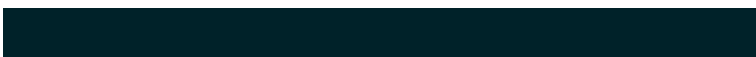
33.7162, 0.2498, 0.2543



13.0365, 0.2983, 0.3248



21.1688, 0.2089, 0.2719



1.2791, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 35.5911, 0.3977, 0.3469 looks on a white background.

Color Contrast Check

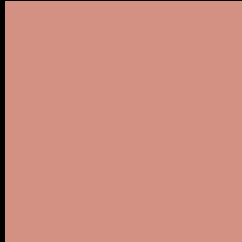
Large Text (above 18pt) WCAG AA × Fail

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 35.5911, 0.3977, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

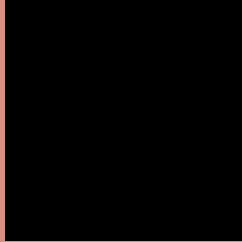
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5911, 0.3977, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 35.5911, 0.3977, 0.3469.



This preview shows how white text looks on a background with the Yxy color 35.5911, 0.3977, 0.3469.

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

35.5911, 0.3977, 0.3469

Protanopia

35.7888, 0.3407, 0.3611

Deuteranopia

35.7190, 0.3721, 0.3649



Tritanopia

35.6430, 0.3768, 0.3155

Trichromacy



Original Color

35.5911, 0.3977, 0.3469

Protanomaly

35.4106, 0.3609, 0.3556

Deuteranomaly

35.4807, 0.3812, 0.3573

Tritanomaly

35.5381, 0.3842, 0.3267

Monochromacy



Original Color

35.5911, 0.3977, 0.3469

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7146, 0.3416, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5911, 0.3977, 0.3469 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(210, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 131)  
}
```

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(210, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 131) }
```

Border

The CSS property to change the border of an element to Yxy 35.5911, 0.3977, 0.3469 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(210, 145, 131) }
```

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

```
.border{ border-color:rgb(210, 145, 131) }
```

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

Here you see how a box with a 4 pixel rgb(210, 145, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5911, 0.3977, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 131) }
```

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

```
.background{ background-color: rgb(210,  
145, 131) }
```

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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