

Converting Colors

$Yxy(44.4969, 0.3531, 0.3304)$

Have a look what the booklet for
Yxy(44.4969, 0.3531, 0.3304)
contains.

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Color

Yxy(44.4969, 0.3531, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	D2A8A7
RGB	210, 168, 167
RGB Percent	82%, 66%, 65%
CMY	0.1765, 0.3411, 0.3452
CMYK	0.00, 0.20, 0.20, 0.18
HSL	1°, 32%, 74%
HSV	1°, 20%, 82%
XYZ	47.5540, 44.4969, 42.6249
YIQ	180.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

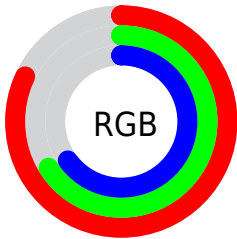
Format	Color
R _Y B	210, 168, 167
Decimal	13805735
CIE Lab	72.56, 15.21, 6.38
CIE LCh	73, 16.498, 22.757
Yxy	44.4969, 0.3531, 0.3304
Android (android.graphics.Color)	4291995815 (0xFFD2A8A7)
YUV	180.4440, -6.6279, 25.9206
Hunter-Lab	66.7060, 10.5154, 8.8081

Details

The Yxy color **44.4969, 0.3531, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.4477, 0.2822, 0.3276**, and the grayscale version is **45.9192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3093, 0.3363, 0.3301**, and **20.6971, 0.3653, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **36.8044, 0.3804, 0.3312**, and if you desaturate by 10%, it is **53.5120, 0.3311, 0.3297**.

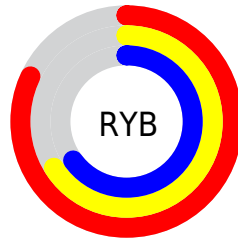
Distribution



Red (82%)

Green (66%)

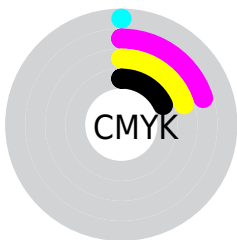
Blue (65%)



Red (82%)

Yellow (66%)

Blue (65%)

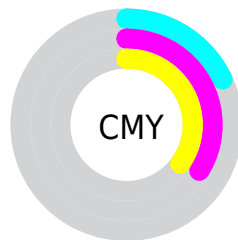


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4969, 0.3531, 0.3304 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 44.4969, 0.3531, 0.3304 by changing the saturation by 10% instead.

 44.4969, 0.3531,
0.3304

 44.4969, 0.3531,
0.3304


364.7322, 0.3326,
0.3300

 31.0613, 0.3583,
0.3304


 81.9649, 0.3456,
0.3303

 20.6456, 0.3651,
0.3304


 106.7662, 0.3428,
0.3303

 12.8652, 0.3741,
0.3302


136.1248, 0.3404,
0.3302

 7.3358, 0.3870,
0.3299

170.4252, 0.3384,
0.3302

 3.6730, 0.4065,
0.3289

210.0517, 0.3367,
0.3301

 1.4924, 0.4397,
0.3261

255.3888, 0.3351,

 0.2833, 0.6934,

0.3301

0.3066

306.8208, 0.3338,
0.3300

0.0000, 0.0000,
0.0000

44.4969, 0.3531,
0.3304

44.4969, 0.3531,
0.3304

36.8044, 0.3804,
0.3312

53.5120, 0.3311,
0.3297

30.3665, 0.4139,
0.3319

63.9012, 0.3135,
0.3290

25.1185, 0.4539,
0.3326

75.7209, 0.2993,
0.3284

20.9877, 0.4993,
0.3330

89.0223, 0.2879,
0.3279

17.8930, 0.5467,
0.3331

92.4421, 0.2860,
0.3289

■ 15.7427, 0.5900,
0.3327

■ 14.4291, 0.6218,
0.3318

■ 13.8124, 0.6386,
0.3312

Harmonies

Analogous

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



44.4969, 0.3356, 0.3113



44.4969, 0.3531, 0.3304



44.4969, 0.3593, 0.3499

Triad

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



44.4969, 0.3531, 0.3304



44.4969, 0.3118, 0.3644



44.4969, 0.2740, 0.2930

Complementary

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



44.4969, 0.3531, 0.3304



58.4477, 0.2822, 0.3276

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.



44.4969, 0.2682, 0.3056



44.4969, 0.3531, 0.3304



44.4969, 0.2895, 0.3474

Square

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



44.4969, 0.3531, 0.3304



44.4969, 0.3349, 0.3706



44.4969, 0.2738, 0.3255



44.4969, 0.2898, 0.2901

Rectangle

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



44.4969, 0.3531, 0.3304



44.4969, 0.3561, 0.3606



44.4969, 0.2738, 0.3255



44.4969, 0.2708, 0.2962

Sweetspot

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



44.4989, 0.3531, 0.3304



89.8948, 0.3228, 0.3294



45.9450, 0.3157, 0.2793



19.0161, 0.3240, 0.3294



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.



44.4989, 0.3531, 0.3304



63.0805, 0.3654, 0.3308



52.9732, 0.3481, 0.3560



11.8533, 0.3290, 0.3296



8.4461, 0.6381, 0.3315



0.4887, 0.6317, 0.3366

Inverse Universe

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



58.4477, 0.2822, 0.3276



88.8691, 0.2757, 0.3273



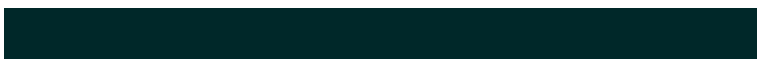
48.7325, 0.2805, 0.3004



13.3560, 0.2983, 0.3284



29.4717, 0.2226, 0.3214



1.6637, 0.2230, 0.3229

Previews

White Background



This preview shows how the Yxy color 44.4969, 0.3531, 0.3304 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 44.4969, 0.3531, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

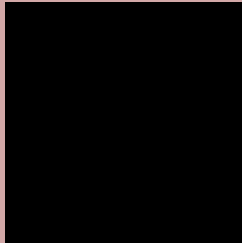
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4969, 0.3531, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 44.4969, 0.3531, 0.3304.



This preview shows how white text looks on a background with the Yxy color 44.4969, 0.3531, 0.3304.

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

44.4969, 0.3531, 0.3304

Protanopia

44.4901, 0.3221, 0.3356

Deuteranopia

44.5376, 0.3437, 0.3367



Tritanopia

44.3760, 0.3433, 0.3133

Trichromacy



Original Color

44.4969, 0.3531, 0.3304

Protanomaly

44.5118, 0.3333, 0.3342

Deuteranomaly

44.7164, 0.3476, 0.3354

Tritanomaly

44.5815, 0.3468, 0.3193

Monochromacy



Original Color

44.4969, 0.3531, 0.3304

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2222, 0.3269, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4969, 0.3531, 0.3304 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, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 167)  
}
```

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, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.4969, 0.3531, 0.3304 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, 168, 167) }
```

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

```
.border{ border-color:rgb(210, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 168,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4969, 0.3531, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 168, 167) }
```

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

```
.background{ background-color: rgb(210,  
168, 167) }
```

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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