

Converting Colors

$Yxy(49.9839, 0.3527, 0.3460)$

Have a look what the booklet for
Yxy(49.9839, 0.3527, 0.3460)
contains.

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Color

Yxy(49.9839, 0.3527, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	D5B5A7
RGB	213, 181, 167
RGB Percent	84%, 71%, 65%
CMY	0.1645, 0.2903, 0.3451
CMYK	0.00, 0.15, 0.22, 0.16
HSL	18°, 35%, 75%
HSV	18°, 22%, 84%
XYZ	50.9518, 49.9839, 43.5264
YIQ	188.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

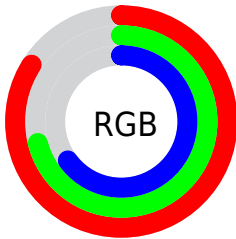
Format	Color
R _Y B	213, 187, 167
Decimal	14005671
CIE Lab	76.06, 9.36, 11.39
CIE LCh	76, 14.747, 50.578
Yxy	49.9839, 0.3527, 0.3460
Android (android.graphics.Color)	4292195751 (0xFFD5B5A7)
YUV	188.9720, -10.8322, 21.0726
Hunter-Lab	70.6993, 4.9182, 12.9873

Details

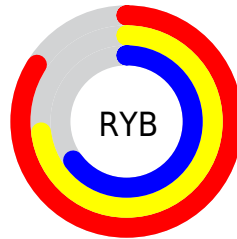
The Yxy color **49.9839, 0.3527, 0.3460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9077, 0.2795, 0.3113**, and the grayscale version is **50.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1023, 0.3345, 0.3439**, and **23.9452, 0.3643, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **43.5456, 0.3767, 0.3544**, and if you desaturate by 10%, it is **57.1993, 0.3324, 0.3379**.

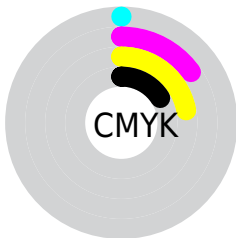
Distribution



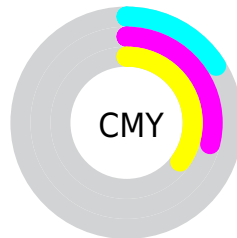
- Red (84%)
- Green (71%)
- Blue (65%)



- Red (84%)
- Yellow (73%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9839, 0.3527, 0.3460 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 49.9839, 0.3527, 0.3460 by changing the saturation by 10% instead.


 49.9839, 0.3527,
0.3460


 49.9839, 0.3527,
0.3460


386.6030, 0.3328,
0.3379

 35.4006, 0.3576,
0.3479


 90.1510, 0.3455,
0.3431

 23.9716, 0.3639,
0.3503


 116.5036, 0.3428,
0.3421

 15.3126, 0.3723,
0.3533


147.5482, 0.3405,
0.3411

 9.0391, 0.3839,
0.3573

183.6690, 0.3385,
0.3403

 4.7667, 0.4009,
0.3626

225.2504, 0.3368,
0.3396

 2.1110, 0.4282,
0.3701

272.6770, 0.3353,

 0.6708, 0.5636,

0.3390

0.4364

326.3331, 0.3340,
0.3384

0.0000, 0.0000,
0.0000

49.9839, 0.3527,
0.3460

49.9839, 0.3527,
0.3460

43.5456, 0.3767,
0.3544

57.1993, 0.3324,
0.3379

37.8513, 0.4047,
0.3627

65.2102, 0.3152,
0.3302

32.8753, 0.4366,
0.3702

74.0426, 0.3008,
0.3231

28.5877, 0.4719,
0.3760

83.7195, 0.2886,
0.3166

24.9566, 0.5089,
0.3789

92.8942, 0.2878,
0.3289

■ 21.9471, 0.5447,
0.3778

■ 19.5203, 0.5759,
0.3719

■ 17.8958, 0.5969,
0.3642

Harmonies

Analogous

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



49.9839, 0.3466, 0.3291



49.9839, 0.3527, 0.3460



49.9839, 0.3477, 0.3592

Triad

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



49.9839, 0.3527, 0.3460



49.9839, 0.2941, 0.3461



49.9839, 0.2918, 0.2953

Complementary

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



49.9839, 0.3527, 0.3460



53.9077, 0.2795, 0.3113

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.



49.9839, 0.2786, 0.2985



49.9839, 0.3527, 0.3460



49.9839, 0.2799, 0.3275

Square

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



49.9839, 0.3527, 0.3460



49.9839, 0.3135, 0.3599



49.9839, 0.2743, 0.3101



49.9839, 0.3109, 0.3005

Rectangle

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



49.9839, 0.3527, 0.3460



49.9839, 0.3388, 0.3639



49.9839, 0.2743, 0.3101



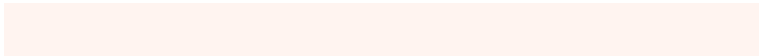
49.9839, 0.2866, 0.2954

Sweetspot

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



49.9862, 0.3527, 0.3460



92.4416, 0.3225, 0.3335



45.9306, 0.3269, 0.2909



19.6160, 0.3236, 0.3340



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.



49.9862, 0.3527, 0.3460



70.4342, 0.3634, 0.3499



60.0571, 0.3472, 0.3724



13.0292, 0.3284, 0.3361



11.0837, 0.5943, 0.3663



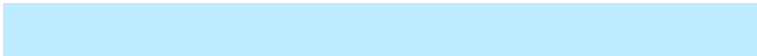
0.8130, 0.5600, 0.3935

Inverse Universe

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



53.9077, 0.2795, 0.3113



77.3479, 0.2725, 0.3071



44.1606, 0.2774, 0.2815



13.4420, 0.2982, 0.3218



16.1281, 0.1965, 0.2275



1.1154, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 49.9839, 0.3527, 0.3460 looks on a white background.

Color Contrast Check

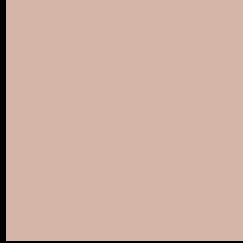
Large Text (above 18pt) WCAG AA × Fail

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 49.9839, 0.3527, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

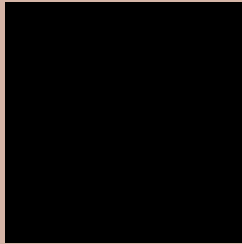
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9839, 0.3527, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 49.9839, 0.3527, 0.3460.



This preview shows how white text looks on a background with the Yxy color 49.9839, 0.3527, 0.3460.

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

49.9839, 0.3527, 0.3460

Protanopia

50.0450, 0.3329, 0.3506

Deuteranopia

49.9839, 0.3527, 0.3460



Tritanopia

49.8048, 0.3354, 0.3126

Trichromacy



Original Color

49.9839, 0.3527, 0.3460

Protanomaly

50.1191, 0.3403, 0.3490

Deuteranomaly

49.9839, 0.3527, 0.3460

Tritanomaly

49.6653, 0.3421, 0.3243

Monochromacy



Original Color

49.9839, 0.3527, 0.3460

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4598, 0.3268, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9839, 0.3527, 0.3460 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(213, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(213, 181, 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(213, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 49.9839, 0.3527, 0.3460 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(213, 181, 167) }
```

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

```
.border{ border-color:rgb(213, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 181, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 181, 167); box-shadow:4px 4px 4px 4px rgb(213, 181, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9839, 0.3527, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 181, 167) }
```

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

```
.background{ background-color: rgb(213,  
181, 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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