

Converting Colors

Yxy(51.6418, 0.3353, 0.4173)

Have a look what the booklet for
Yxy(51.6418, 0.3353, 0.4173)
contains.

Yxy(51.4928, 0.3350, 0.4167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.4928, 0.3350, 0.4167)

Conversions

Conversions Part 1

Format	Color
Hex	A9C887
RGB	169, 200, 135
RGB Percent	66%, 78%, 53%
CMY	0.3371, 0.2157, 0.4705
CMYK	0.15, 0.00, 0.32, 0.22
HSL	89°, 37%, 66%
HSV	89°, 32%, 78%
XYZ	41.3969, 51.4928, 30.6831
YIQ	183.3210, 2.3890, -26.7870

Conversions

Conversions Part 2

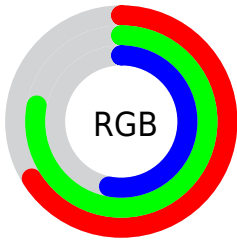
Format	Color
RYB	135, 200, 166
Decimal	11126919
CIELab	76.98, -21.75, 29.18
CIELCh	77, 36.399, 126.704
Yxy	51.4928, 0.3350, 0.4167
Android (android.graphics.Color)	4289316999 (0xFFA9C887)
YUV	183.3210, -23.8223, -12.5595
Hunter-Lab	71.7585, -22.6021, 24.8792

Details

The Yxy color **51.4928, 0.3350, 0.4167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.6048, 0.2832, 0.2408**, and the grayscale version is **47.6771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2017, 0.3319, 0.3984**, and **24.9109, 0.3396, 0.4434** is the 20% darker color. If you saturate the color by 10%, you get **49.9676, 0.3407, 0.4462**, and if you desaturate by 10%, it is **53.2051, 0.3285, 0.3879**.

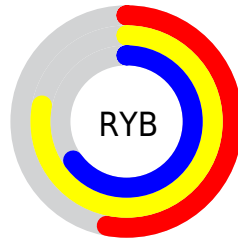
Distribution



Red (66%)

Green (78%)

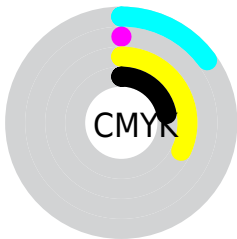
Blue (53%)



Red (53%)

Yellow (78%)

Blue (65%)

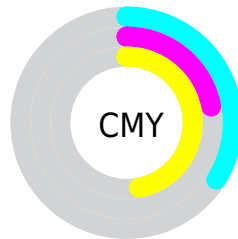


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (22%)



Cyan (34%)


Magenta (22%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4928, 0.3350, 0.4167 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 51.4928, 0.3350, 0.4167 by changing the saturation by 10% instead.

 51.4928, 0.3350,
0.4167

 51.4928, 0.3350,
0.4167


392.4754, 0.3252,
0.3721

 36.6010, 0.3370,
0.4280


 92.3828, 0.3318,
0.4004

 24.8987, 0.3392,
0.4425


 119.1497, 0.3305,
0.3942

 16.0016, 0.3416,
0.4618


 150.6438, 0.3293,
0.3891

 9.5253, 0.3439,
0.4885

187.2495, 0.3283,
0.3847

 5.0854, 0.3446,
0.5275

229.3511, 0.3274,
0.3809

 2.2974, 0.3654,
0.6329

277.3330, 0.3266,

 0.7723, 0.2082,

0.3776

0.7918

331.5796, 0.3258,
0.3747

0.0000, 0.0000,
0.0000

51.4928, 0.3350,
0.4167

51.4928, 0.3350,
0.4167

49.9676, 0.3407,
0.4462

53.2051, 0.3285,
0.3879

48.6153, 0.3451,
0.4754

55.1047, 0.3215,
0.3605

47.4297, 0.3479,
0.5028

57.2007, 0.3145,
0.3350

46.4020, 0.3486,
0.5270

59.4992, 0.3075,
0.3117


45.5219, 0.3470,
0.5466

62.0061, 0.3007,
0.2906

 44.7775, 0.3433,
0.5609

 64.7267, 0.2943,
0.2717

 44.2928, 0.3395,
0.5686

 66.3116, 0.3012,
0.2728

 67.9835, 0.3081,
0.2740

 69.7436, 0.3151,
0.2752

Harmonies

Analogous

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



51.4928, 0.3794, 0.4121



51.4928, 0.3350, 0.4167



51.4928, 0.2867, 0.3917

Triad

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



51.4928, 0.3350, 0.4167



51.4928, 0.2257, 0.2650



51.4928, 0.3806, 0.3090

Complementary

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



51.4928, 0.3350, 0.4167



29.6048, 0.2832, 0.2408

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.



51.4928, 0.3341, 0.2764



51.4928, 0.3350, 0.4167



51.4928, 0.2462, 0.2509

Square

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



51.4928, 0.3350, 0.4167



51.4928, 0.2260, 0.2983



51.4928, 0.2847, 0.2556



51.4928, 0.4080, 0.3476

Rectangle

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



51.4928, 0.3350, 0.4167



51.4928, 0.2588, 0.3621



51.4928, 0.2847, 0.2556



51.4928, 0.3664, 0.2972

Sweetspot

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



51.4950, 0.3350, 0.4167



96.2338, 0.3199, 0.3543



41.0604, 0.3743, 0.3685



20.4908, 0.3209, 0.3580



0.0000, 0.0000, 0.0000



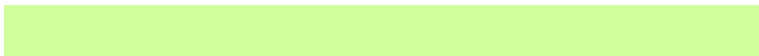
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4950, 0.3350, 0.4167



87.2613, 0.3391, 0.4376



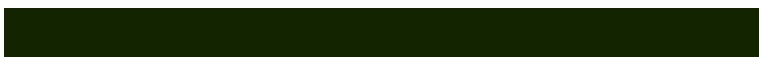
48.3889, 0.3098, 0.4239



12.1565, 0.3193, 0.3523



28.2185, 0.3405, 0.5678



1.3791, 0.3562, 0.5554

Inverse Universe

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



29.6048, 0.2832, 0.2408



43.5315, 0.2749, 0.2197



33.4839, 0.3143, 0.2486



10.5311, 0.3056, 0.3056



4.2601, 0.1987, 0.0868



0.2448, 0.2222, 0.0998

Previews

White Background



This preview shows how the Yxy color 51.4928, 0.3350, 0.4167 looks on a white background.

Color Contrast Check

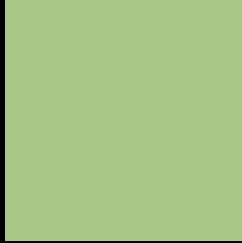
Large Text (above 18pt) WCAG AA × Fail

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 51.4928, 0.3350, 0.4167 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 51.4928, 0.3350, 0.4167

Background



This preview shows how black text looks on a background with the Yxy color 51.4928, 0.3350, 0.4167.



This preview shows how white text looks on a background with the Yxy color 51.4928, 0.3350, 0.4167.

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

51.4928, 0.3350, 0.4167

Protanopia

51.4447, 0.3725, 0.4018

Deuteranopia

51.1673, 0.3866, 0.3794



Tritanopia

51.3015, 0.2924, 0.3101

Trichromacy



Original Color

51.4928, 0.3350, 0.4167

Protanomaly

51.4560, 0.3586, 0.4083

Deuteranomaly

51.0675, 0.3664, 0.3924

Tritanomaly

50.9928, 0.3079, 0.3473

Monochromacy



Original Color

51.4928, 0.3350, 0.4167

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.6133, 0.3212, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4928, 0.3350, 0.4167 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(169, 200, 135)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 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(169, 200, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 135) }
```

Border

The CSS property to change the border of an element to Yxy 51.4928, 0.3350, 0.4167 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(169, 200, 135) }
```

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

```
.border{ border-color:rgb(169, 200, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 200, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 135);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4928, 0.3350, 0.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 135) }
```

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

```
.background{ background-color: rgb(169,  
200, 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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