

Converting Colors

$Yxy(55.1374, 0.3328, 0.3656)$

Have a look what the booklet for
Yxy(55.1374, 0.3328, 0.3656)
contains.

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Color

Yxy(54.9885, 0.3328, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	C4C6A9
RGB	196, 198, 169
RGB Percent	77%, 78%, 66%
CMY	0.2313, 0.2235, 0.3373
CMYK	0.01, 0.00, 0.15, 0.22
HSL	64°, 20%, 72%
HSV	64°, 15%, 78%
XYZ	50.1237, 54.9885, 45.4999
YIQ	194.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

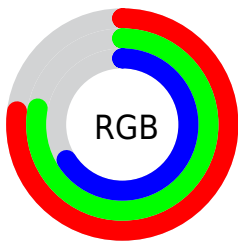
Format	Color
RYB	169, 198, 171
Decimal	12895913
CIELab	79.03, -5.67, 14.33
CIELCh	79, 15.410, 111.598
Yxy	54.9885, 0.3328, 0.3651
Android (android.graphics.Color)	4291085993 (0xFFC4C6A9)
YUV	194.0960, -12.3723, 1.6698
Hunter-Lab	74.1542, -9.1148, 15.5285

Details

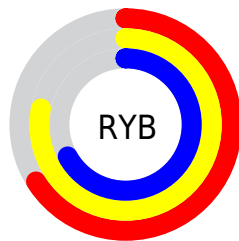
The Yxy color **54.9885, 0.3328, 0.3651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1010, 0.2910, 0.2906**, and the grayscale version is **54.0820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7845, 0.3297, 0.3593**, and **26.9817, 0.3377, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **54.1228, 0.3467, 0.3905**, and if you desaturate by 10%, it is **55.9733, 0.3190, 0.3402**.

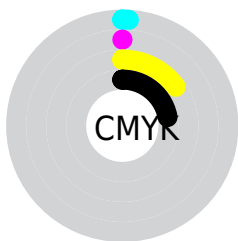
Distribution



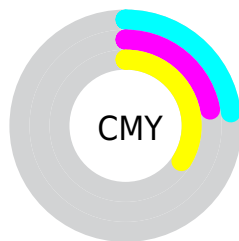
- Red (77%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9885, 0.3328, 0.3651 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 54.9885, 0.3328, 0.3651 by changing the saturation by 10% instead.


 54.9885, 0.3328,
0.3651

 54.9885, 0.3328,
0.3651


405.8683, 0.3232,
0.3473

 39.3925, 0.3351,
0.3694


 97.5241, 0.3294,
0.3587

 27.0652, 0.3380,
0.3750


125.2325, 0.3281,
0.3563

 17.6222, 0.3417,
0.3822


157.7472, 0.3270,
0.3542

 10.6791, 0.3466,
0.3921

195.4525, 0.3260,
0.3525

 5.8515, 0.3535,
0.4065

238.7329, 0.3251,
0.3509

 2.7550, 0.3636,
0.4291

287.9727, 0.3244,

 1.0052, 0.4264,

0.3496

0.5277

343.5564, 0.3237,
0.3484

0.0000, 0.0000,
0.0000

54.9885, 0.3328,
0.3651

54.9885, 0.3328,
0.3651

54.1228, 0.3467,
0.3905

55.9733, 0.3190,
0.3402

53.3638, 0.3603,
0.4156

57.0747, 0.3057,
0.3164

52.7086, 0.3730,
0.4397

58.2995, 0.2930,
0.2941

52.1512, 0.3844,
0.4616

59.6519, 0.2812,
0.2733

51.6851, 0.3937,
0.4804

60.2713, 0.2779,
0.2667

■ 51.3031, 0.4007,
0.4954

■ 60.4611, 0.2788,
0.2668

■ 50.9966, 0.4051,
0.5061

■ 60.6526, 0.2797,
0.2670

■ 50.7553, 0.4070,
0.5124

■ 60.8457, 0.2807,
0.2672

■ 50.6426, 0.4074,
0.5147

■ 61.0404, 0.2816,
0.2673

Harmonies

Analogous

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



54.9885, 0.3477, 0.3599



54.9885, 0.3328, 0.3651



54.9885, 0.3128, 0.3600

Triad

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



54.9885, 0.3328, 0.3651



54.9885, 0.2738, 0.3093



54.9885, 0.3320, 0.3130

Complementary

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



54.9885, 0.3328, 0.3651



41.1010, 0.2910, 0.2906

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.



54.9885, 0.3116, 0.3005



54.9885, 0.3328, 0.3651



54.9885, 0.2785, 0.2979

Square

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



54.9885, 0.3328, 0.3651



54.9885, 0.2791, 0.3268



54.9885, 0.2921, 0.2949



54.9885, 0.3474, 0.3297

Rectangle

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



54.9885, 0.3328, 0.3651



54.9885, 0.2994, 0.3512



54.9885, 0.2921, 0.2949



54.9885, 0.3254, 0.3082

Sweetspot

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



54.9909, 0.3328, 0.3651



99.2289, 0.3182, 0.3388



43.9650, 0.3393, 0.3315



21.2089, 0.3192, 0.3407



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.



54.9909, 0.3328, 0.3651



96.8005, 0.3378, 0.3743



53.1433, 0.3209, 0.3665



12.3788, 0.3255, 0.3519



32.9495, 0.4076, 0.5146



1.5715, 0.4102, 0.5125

Inverse Universe

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



41.1010, 0.2910, 0.2906



66.9005, 0.2850, 0.2800



42.8149, 0.3034, 0.2920



10.3214, 0.2993, 0.3052



2.7234, 0.1524, 0.0613



0.1412, 0.1609, 0.0660

Previews

White Background



This preview shows how the Yxy color 54.9885, 0.3328, 0.3651 looks on a white background.

Color Contrast Check

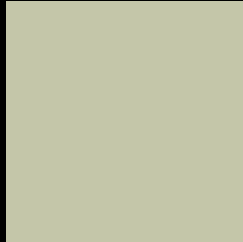
Large Text (above 18pt) WCAG AA × Fail

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 54.9885, 0.3328, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

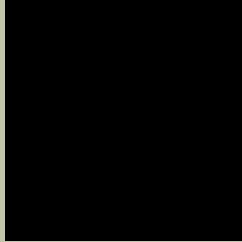
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9885, 0.3328, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 54.9885, 0.3328, 0.3651.



This preview shows how white text looks on a background with the Yxy color 54.9885, 0.3328, 0.3651.

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

54.9885, 0.3328, 0.3651

Protanopia

54.8365, 0.3417, 0.3620

Deuteranopia

54.5947, 0.3564, 0.3489



Tritanopia

55.1115, 0.3080, 0.3112

Trichromacy



Original Color

54.9885, 0.3328, 0.3651

Protanomaly

54.8636, 0.3389, 0.3634

Deuteranomaly

54.7477, 0.3475, 0.3553

Tritanomaly

55.0674, 0.3167, 0.3302

Monochromacy



Original Color

54.9885, 0.3328, 0.3651

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1351, 0.3202, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9885, 0.3328, 0.3651 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(196, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 169)  
}
```

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(196, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 54.9885, 0.3328, 0.3651 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(196, 198, 169) }
```

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

```
.border{ border-color:rgb(196, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9885, 0.3328, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 169) }
```

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

```
.background{ background-color: rgb(196,  
198, 169) }
```

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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