

Converting Colors

Yxy(54.6279, 0.3361, 0.3690)

Have a look what the booklet for
Yxy(54.6279, 0.3361, 0.3690)
contains.

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Color

Yxy(54.3849, 0.3360, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5A5
RGB	196, 197, 165
RGB Percent	77%, 77%, 65%
CMY	0.2314, 0.2274, 0.3530
CMYK	0.01, 0.00, 0.16, 0.23
HSL	62°, 22%, 71%
HSV	62°, 16%, 77%
XYZ	49.5212, 54.3849, 43.4784
YIQ	193.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

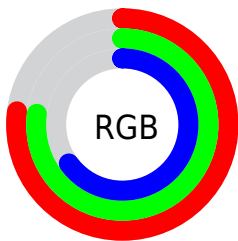
Format	Color
RYB	165, 197, 166
Decimal	12895653
CIELab	78.69, -5.79, 15.97
CIELCh	79, 16.992, 109.933
Yxy	54.3849, 0.3360, 0.3690
Android (android.graphics.Color)	4291085733 (0xFFC4C5A5)
YUV	193.0530, -13.8301, 2.5845
Hunter-Lab	73.7461, -9.1913, 16.6667

Details

The Yxy color $54.3849, 0.3360, 0.3690$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.0445, 0.2874, 0.2858$, and the grayscale version is $53.4403, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9336, 0.3322, 0.3623$, and $26.5880, 0.3421, 0.3796$ is the 20% darker color. If you saturate the color by 10%, you get $53.6412, 0.3505, 0.3942$, and if you desaturate by 10%, it is $55.2442, 0.3215, 0.3441$.

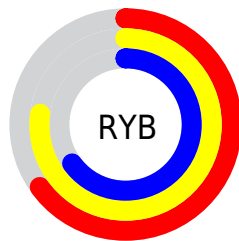
Distribution



Red (77%)

Green (77%)

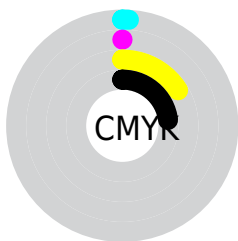
Blue (65%)



Red (65%)

Yellow (77%)

Blue (65%)

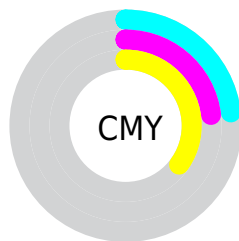


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3849, 0.3360, 0.3690 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 54.3849, 0.3360, 0.3690 by changing the saturation by 10% instead.


 54.3849, 0.3360,
0.3690


 54.3849, 0.3360,
0.3690

403.5761, 0.3248,
0.3493

 38.9095, 0.3387,
0.3738


 96.6392, 0.3320,
0.3619

 26.6893, 0.3420,
0.3800


 124.1868, 0.3305,
0.3592

 17.3400, 0.3463,
0.3880


156.5272, 0.3292,
0.3569

 10.4772, 0.3520,
0.3990

194.0449, 0.3281,
0.3550

 5.7165, 0.3599,
0.4150

237.1243, 0.3271,
0.3533

 2.6735, 0.3714,
0.4400

286.1496, 0.3262,

 0.9637, 0.4449,

0.3518

0.5551

341.5054, 0.3255,
0.3505

0.0000, 0.0000,
0.0000

54.3849, 0.3360,
0.3690

54.3849, 0.3360,
0.3690

53.6412, 0.3505,
0.3942

55.2442, 0.3215,
0.3441

53.0009, 0.3647,
0.4188

56.2167, 0.3075,
0.3201

52.4610, 0.3779,
0.4421

57.3093, 0.2942,
0.2975

52.0156, 0.3896,
0.4629

58.5260, 0.2818,
0.2764

51.6581, 0.3993,
0.4804

59.3119, 0.2753,
0.2651

■ 51.3811, 0.4065,
0.4940

■ 59.3970, 0.2758,
0.2652

■ 51.1760, 0.4111,
0.5032

■ 59.4826, 0.2762,
0.2653

■ 51.0320, 0.4133,
0.5082

■ 59.5685, 0.2766,
0.2653

■ 50.9856, 0.4138,
0.5096

■ 59.6547, 0.2770,
0.2654

Harmonies

Analogous

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



54.3849, 0.3521, 0.3625



54.3849, 0.3360, 0.3690



54.3849, 0.3140, 0.3641

Triad

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



54.3849, 0.3360, 0.3690



54.3849, 0.2699, 0.3080



54.3849, 0.3328, 0.3104

Complementary

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



54.3849, 0.3360, 0.3690



39.0445, 0.2874, 0.2858

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.



54.3849, 0.3101, 0.2970



54.3849, 0.3360, 0.3690



54.3849, 0.2744, 0.2951

Square

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



54.3849, 0.3360, 0.3690



54.3849, 0.2763, 0.3276



54.3849, 0.2889, 0.2914



54.3849, 0.3504, 0.3286

Rectangle

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



54.3849, 0.3360, 0.3690



54.3849, 0.2991, 0.3547



54.3849, 0.2889, 0.2914



54.3849, 0.3255, 0.3052

Sweetspot

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



54.3873, 0.3360, 0.3690



99.1297, 0.3199, 0.3413



41.6866, 0.3431, 0.3298



21.1926, 0.3209, 0.3430



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.



54.3873, 0.3360, 0.3690



96.8360, 0.3419, 0.3792



52.4110, 0.3231, 0.3707



12.3993, 0.3260, 0.3519



33.5402, 0.4139, 0.5096



1.5936, 0.4151, 0.5086

Inverse Universe

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



39.0445, 0.2874, 0.2858



63.4715, 0.2802, 0.2737



40.8259, 0.3008, 0.2875



10.3032, 0.2987, 0.3051



2.6847, 0.1511, 0.0606



0.1328, 0.1551, 0.0628

Previews

White Background



This preview shows how the Yxy color 54.3849, 0.3360, 0.3690 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 54.3849, 0.3360, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

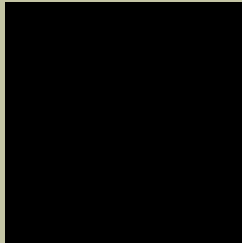
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

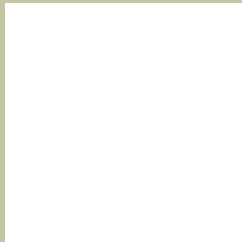
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3849, 0.3360, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 54.3849, 0.3360, 0.3690.



This preview shows how white text looks on a background with the Yxy color 54.3849, 0.3360, 0.3690.

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

54.3849, 0.3360, 0.3690

Protanopia

54.2430, 0.3450, 0.3657

Deuteranopia

54.0186, 0.3600, 0.3524



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.3849, 0.3360, 0.3690

Protanomaly

54.2671, 0.3422, 0.3672

Deuteranomaly

54.1609, 0.3510, 0.3590

Tritanomaly

54.1809, 0.3199, 0.3314

Monochromacy



Original Color

54.3849, 0.3360, 0.3690

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4718, 0.3210, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3849, 0.3360, 0.3690 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, 197, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 165)  
}
```

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, 197, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 165) }
```

Border

The CSS property to change the border of an element to Yxy 54.3849, 0.3360, 0.3690 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, 197, 165) }
```

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

```
.border{ border-color:rgb(196, 197, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3849, 0.3360, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 165) }
```

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

```
.background{ background-color: rgb(196,  
197, 165) }
```

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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