

Converting Colors

Yxy(54.6322, 0.3525, 0.3950)

Have a look what the booklet for
Yxy(54.6322, 0.3525, 0.3950)
contains.

Yxy(54.4383, 0.3527, 0.3951)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4383, 0.3527, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	C6C691
RGB	198, 198, 145
RGB Percent	78%, 78%, 57%
CMY	0.2235, 0.2235, 0.4312
CMYK	0.00, 0.00, 0.27, 0.22
HSL	60°, 32%, 67%
HSV	60°, 27%, 78%
XYZ	48.5963, 54.4383, 34.7490
YIQ	191.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

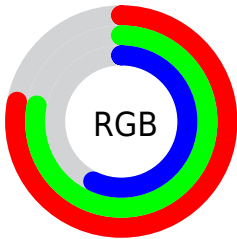
Format	Color
RYB	145, 198, 145
Decimal	13026961
CIELab	78.72, -8.45, 26.63
CIELCh	79, 27.937, 107.600
Yxy	54.4383, 0.3527, 0.3951
Android (android.graphics.Color)	4291217041 (0xFFC6C691)
YUV	191.9580, -23.1503, 5.2988
Hunter-Lab	73.7823, -11.5511, 23.7240

Details

The Yxy color **54.4383, 0.3527, 0.3951** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3630, 0.2668, 0.2531**, and the grayscale version is **52.8197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **26.6840, 0.3632, 0.4125** is the 20% darker color. If you saturate the color by 10%, you get **53.8819, 0.3674, 0.4194**, and if you desaturate by 10%, it is **55.1060, 0.3376, 0.3702**.

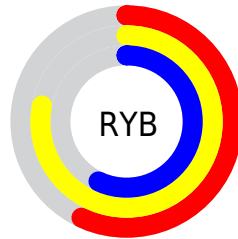
Distribution



Red (78%)

Green (78%)

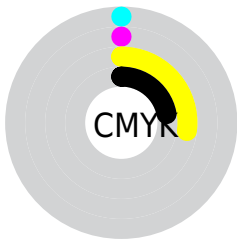
Blue (57%)



Red (57%)

Yellow (78%)

Blue (57%)

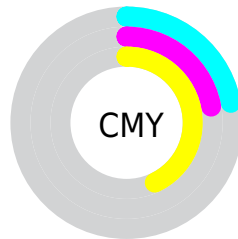


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4383, 0.3527, 0.3951 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 54.4383, 0.3527, 0.3951 by changing the saturation by 10% instead.

 54.4383, 0.3527,
0.3951


 54.4383, 0.3527,
0.3951


403.7792, 0.3337,
0.3625

 38.9522, 0.3571,
0.4030

 96.7175, 0.3461,
0.3834

 26.7225, 0.3625,
0.4130


 124.2794, 0.3435,
0.3790

 17.3649, 0.3692,
0.4260


156.6353, 0.3413,
0.3752

 10.4950, 0.3779,
0.4436

194.1696, 0.3394,
0.3720

 5.7284, 0.3889,
0.4681

237.2668, 0.3377,
0.3691

 2.6806, 0.4104,
0.5140

286.3112, 0.3362,

 0.9674, 0.4236,

0.3667

0.5764

341.6872, 0.3349,
0.3645

0.0000, 0.0000,
0.0000

54.4383, 0.3527,
0.3951

54.4383, 0.3527,
0.3951

53.8819, 0.3674,
0.4194

55.1060, 0.3376,
0.3702

53.4241, 0.3811,
0.4421

55.8828, 0.3226,
0.3453

53.0612, 0.3933,
0.4622

56.7761, 0.3081,
0.3213

52.7865, 0.4034,
0.4789

57.7902, 0.2943,
0.2985

52.5926, 0.4110,
0.4916

58.9295, 0.2814,
0.2772

■ 52.4706, 0.4161,
0.4999

■ 59.6155, 0.2747,
0.2661

■ 52.4090, 0.4187,
0.5042

■ 59.6155, 0.2747,
0.2661

■ 52.3949, 0.4193,
0.5053

■ 59.6156, 0.2747,
0.2661

■ 59.6156, 0.2747,
0.2661

Harmonies

Analogous

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



54.4383, 0.3787, 0.3814



54.4383, 0.3527, 0.3951



54.4383, 0.3169, 0.3895

Triad

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



54.4383, 0.3527, 0.3951



54.4383, 0.2440, 0.2958



54.4383, 0.3427, 0.2970

Complementary

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



54.4383, 0.3527, 0.3951



30.3630, 0.2668, 0.2531

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.



54.4383, 0.3050, 0.2768



54.4383, 0.3527, 0.3951



54.4383, 0.2498, 0.2747

Square

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



54.4383, 0.3527, 0.3951



54.4383, 0.2551, 0.3286



54.4383, 0.2714, 0.2685



54.4383, 0.3733, 0.3250

Rectangle

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



54.4383, 0.3527, 0.3951



54.4383, 0.2925, 0.3744



54.4383, 0.2714, 0.2685



54.4383, 0.3304, 0.2891

Sweetspot

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



54.4407, 0.3527, 0.3951



98.7550, 0.3246, 0.3487



34.3414, 0.3687, 0.3280



21.0908, 0.3269, 0.3525



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.



54.4407, 0.3527, 0.3951



95.8124, 0.3612, 0.4092



51.2511, 0.3310, 0.4000



12.4170, 0.3265, 0.3518



34.0729, 0.4193, 0.5053



1.6134, 0.4193, 0.5053

Inverse Universe

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



30.3630, 0.2668, 0.2531



46.1908, 0.2552, 0.2339



32.9570, 0.2898, 0.2578



10.2875, 0.2983, 0.3051



2.6515, 0.1500, 0.0600



0.1256, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 54.4383, 0.3527, 0.3951 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 54.4383, 0.3527, 0.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

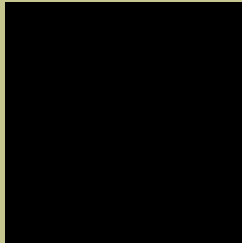
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

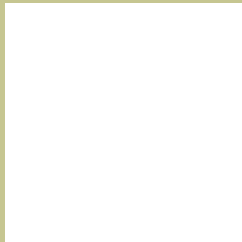
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4383, 0.3527, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 54.4383, 0.3527, 0.3951.



This preview shows how white text looks on a background with the Yxy color 54.4383, 0.3527, 0.3951.

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

54.4383, 0.3527, 0.3951

Protanopia

54.5687, 0.3648, 0.3921

Deuteranopia

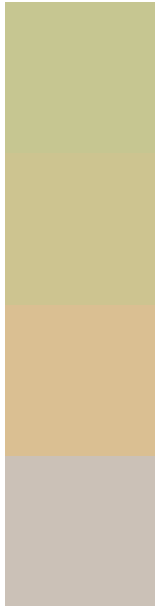
54.3052, 0.3822, 0.3750



Tritanopia

54.3565, 0.3144, 0.3113

Trichromacy



Original Color

54.4383, 0.3527, 0.3951

Protanomaly

54.4726, 0.3602, 0.3928

Deuteranomaly

54.2424, 0.3717, 0.3824

Tritanomaly

54.2553, 0.3285, 0.3412

Monochromacy



Original Color

54.4383, 0.3527, 0.3951

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1481, 0.3271, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4383, 0.3527, 0.3951 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(198, 198, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 145)  
}
```

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(198, 198, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 145) }
```

Border

The CSS property to change the border of an element to Yxy 54.4383, 0.3527, 0.3951 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(198, 198, 145) }
```

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

```
.border{ border-color:rgb(198, 198, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4383, 0.3527, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 145) }
```

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

```
.background{ background-color: rgb(198,  
198, 145) }
```

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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