

Converting Colors

$Yxy(54.5106, 0.3522, 0.3936)$

Have a look what the booklet for
Yxy(54.5106, 0.3522, 0.3936)
contains.

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Color

Yxy(54.4693, 0.3520, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	C6C692
RGB	198, 198, 146
RGB Percent	78%, 78%, 57%
CMY	0.2234, 0.2235, 0.4275
CMYK	0.00, 0.00, 0.26, 0.22
HSL	60°, 31%, 67%
HSV	60°, 26%, 78%
XYZ	48.6753, 54.4693, 35.1375
YIQ	192.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

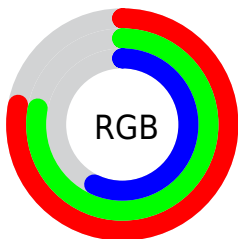
Format	Color
R_{YB}	146, 198, 146
Decimal	13026962
CIE _{Lab}	78.73, -8.31, 26.15
CIE _{LCh}	79, 27.440, 107.624
Yxy	54.4693, 0.3520, 0.3939
Android (android.graphics.Color)	4291217042 (0xFFC6C692)
YUV	192.0720, -22.7135, 5.1989
Hunter-Lab	73.8033, -11.4302, 23.4346

Details

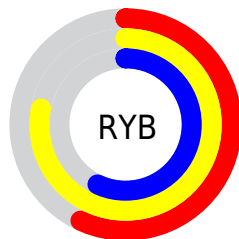
The Yxy color **54.4693, 0.3520, 0.3939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.7514, 0.2677, 0.2547**, and the grayscale version is **52.8871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **26.7020, 0.3623, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **53.9033, 0.3667, 0.4182**, and if you desaturate by 10%, it is **55.1470, 0.3369, 0.3690**.

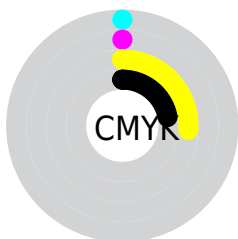
Distribution



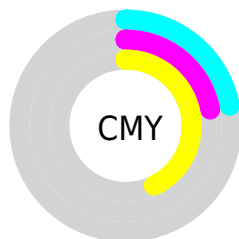
- Red (78%)
- Green (78%)
- Blue (57%)



- Red (57%)
- Yellow (78%)
- Blue (57%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4693, 0.3520, 0.3939 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 54.4693, 0.3520, 0.3939 by changing the saturation by 10% instead.


 54.4693, 0.3520,
0.3939


 54.4693, 0.3520,
0.3939


403.8971, 0.3333,
0.3619

 38.9770, 0.3563,
0.4017


 96.7630, 0.3455,
0.3824

 26.7418, 0.3616,
0.4115


 124.3331, 0.3429,
0.3781

 17.3794, 0.3683,
0.4243


156.6980, 0.3408,
0.3744

 10.5054, 0.3769,
0.4415

194.2420, 0.3389,
0.3712

 5.7353, 0.3879,
0.4657

237.3495, 0.3372,
0.3684

 2.6848, 0.4084,
0.5100

286.4049, 0.3358,

 0.9695, 0.4249,

0.3660

0.5751

341.7926, 0.3345,
0.3638

0.0000, 0.0000,
0.0000

54.4693, 0.3520,
0.3939

54.4693, 0.3520,
0.3939

53.9033, 0.3667,
0.4182

55.1470, 0.3369,
0.3690

53.4360, 0.3805,
0.4410

55.9340, 0.3219,
0.3442

53.0641, 0.3928,
0.4613

56.8377, 0.3074,
0.3202

52.7807, 0.4030,
0.4781

57.8626, 0.2936,
0.2975

52.5785, 0.4108,
0.4910

59.0128, 0.2808,
0.2763

■ 52.4487, 0.4160,
0.4995

■ 59.6447, 0.2747,
0.2662

■ 52.3803, 0.4187,
0.5040

■ 59.6494, 0.2747,
0.2662

■ 52.3624, 0.4194,
0.5052

■ 59.6540, 0.2747,
0.2662

■ 59.6587, 0.2747,
0.2662

Harmonies

Analogous

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



54.4693, 0.3775, 0.3805



54.4693, 0.3520, 0.3939



54.4693, 0.3168, 0.3883

Triad

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



54.4693, 0.3520, 0.3939



54.4693, 0.2452, 0.2964



54.4693, 0.3422, 0.2975

Complementary

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



54.4693, 0.3520, 0.3939



30.7514, 0.2677, 0.2547

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.



54.4693, 0.3052, 0.2777



54.4693, 0.3520, 0.3939



54.4693, 0.2509, 0.2757

Square

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



54.4693, 0.3520, 0.3939



54.4693, 0.2561, 0.3286



54.4693, 0.2722, 0.2696



54.4693, 0.3722, 0.3251

Rectangle

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



54.4693, 0.3520, 0.3939



54.4693, 0.2929, 0.3735



54.4693, 0.2722, 0.2696



54.4693, 0.3301, 0.2898

Sweetspot

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



54.4717, 0.3520, 0.3939



98.7484, 0.3246, 0.3487



34.6660, 0.3674, 0.3280



21.0891, 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.



54.4717, 0.3520, 0.3939



95.7858, 0.3612, 0.4091



51.3448, 0.3307, 0.3987



12.4161, 0.3265, 0.3518



34.0432, 0.4194, 0.5052



1.6123, 0.4194, 0.5052

Inverse Universe

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



30.7514, 0.2677, 0.2547



46.2069, 0.2552, 0.2340



33.3068, 0.2902, 0.2592



10.2884, 0.2983, 0.3051



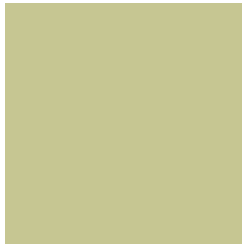
2.6533, 0.1500, 0.0600



0.1259, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 54.4693, 0.3520, 0.3939 looks on a white background.

Color Contrast Check

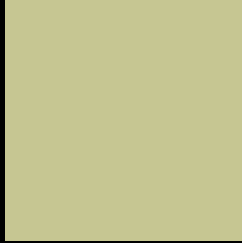
Large Text (above 18pt) WCAG AA × Fail

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 54.4693, 0.3520, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

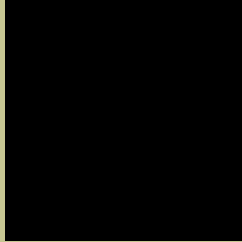
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

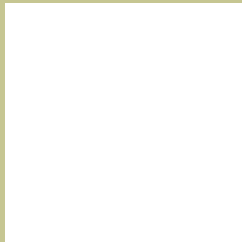
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4693, 0.3520, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 54.4693, 0.3520, 0.3939.



This preview shows how white text looks on a background with the Yxy color 54.4693, 0.3520, 0.3939.

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

54.4693, 0.3520, 0.3939

Protanopia

54.5991, 0.3640, 0.3909

Deuteranopia

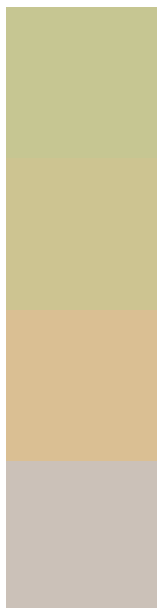
54.3368, 0.3813, 0.3738



Tritanopia

54.3565, 0.3144, 0.3113

Trichromacy



Original Color

54.4693, 0.3520, 0.3939

Protanomaly

54.5033, 0.3594, 0.3915

Deuteranomaly

54.2736, 0.3709, 0.3812

Tritanomaly

54.2971, 0.3278, 0.3400

Monochromacy



Original Color

54.4693, 0.3520, 0.3939

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 54.4693, 0.3520, 0.3939 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 146) }
```

Border

The CSS property to change the border of an element to Yxy 54.4693, 0.3520, 0.3939 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, 146) }
```

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

```
.border{ border-color:rgb(198, 198, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4693, 0.3520, 0.3939 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, 146) }
```

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

```
.background{ background-color: rgb(198,  
198, 146) }
```

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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