

Converting Colors

Yxy(54.6718, 0.3480, 0.3889)

Have a look what the booklet for
Yxy(54.6718, 0.3480, 0.3889)
contains.

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Color

Yxy(54.4605, 0.3481, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	C5C696
RGB	197, 198, 150
RGB Percent	77%, 78%, 59%
CMY	0.2273, 0.2236, 0.4117
CMYK	0.00, 0.00, 0.24, 0.22
HSL	61°, 30%, 68%
HSV	61°, 24%, 78%
XYZ	48.7344, 54.4605, 36.8063
YIQ	192.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

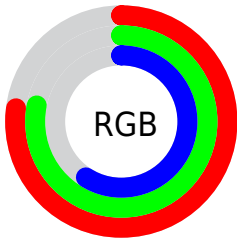
Format	Color
RYB	150, 198, 151
Decimal	12961430
CIELab	78.73, -8.12, 24.01
CIELCh	79, 25.343, 108.697
Yxy	54.4605, 0.3481, 0.3890
Android (android.graphics.Color)	4291151510 (0xFFC5C696)
YUV	192.2290, -20.8189, 4.1842
Hunter-Lab	73.7974, -11.2672, 22.0873

Details

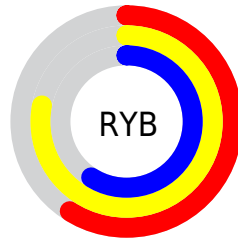
The Yxy color **54.4605, 0.3481, 0.3890** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4734, 0.2725, 0.2614**, and the grayscale version is **52.9759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9505, 0.3423, 0.3791**, and **26.6870, 0.3571, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **53.8250, 0.3626, 0.4137**, and if you desaturate by 10%, it is **55.2087, 0.3333, 0.3639**.

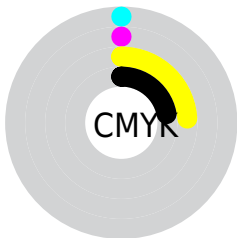
Distribution



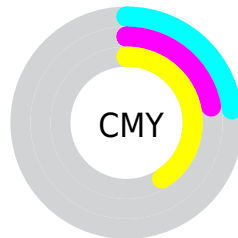
- Red (77%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4605, 0.3481, 0.3890 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 54.4605, 0.3481, 0.3890 by changing the saturation by 10% instead.

■ 54.4605, 0.3481,
0.3890

■ 54.4605, 0.3481,
0.3890

403.8636, 0.3313,
0.3594

■ 38.9699, 0.3520,
0.3962

■ 96.7501, 0.3422,
0.3784

■ 26.7363, 0.3569,
0.4054

■ 124.3178, 0.3399,
0.3743

■ 17.3753, 0.3630,
0.4173

156.6802, 0.3379,
0.3709

■ 10.5024, 0.3709,
0.4335

194.2214, 0.3363,
0.3680

■ 5.7333, 0.3812,
0.4564

237.3260, 0.3348,
0.3654

■ 2.6836, 0.3980,
0.4951

286.3783, 0.3335,

■ 0.9689, 0.4264,

0.3632

0.5736

341.7627, 0.3323,
0.3612

■ 0.0000, 0.0000,
0.0000

■ 54.4605, 0.3481,
0.3890

■ 54.4605, 0.3481,
0.3890

■ 53.8250, 0.3626,
0.4137

■ 55.2087, 0.3333,
0.3639

■ 53.2897, 0.3762,
0.4372

■ 56.0675, 0.3187,
0.3392

■ 52.8509, 0.3885,
0.4584

■ 57.0439, 0.3047,
0.3154

■ 52.5023, 0.3988,
0.4764

■ 58.1424, 0.2914,
0.2930

■ 52.2365, 0.4068,
0.4905

■ 59.3673, 0.2790,
0.2722

■ 52.0452, 0.4121,
0.5004

■ 59.8003, 0.2756,
0.2663

■ 51.9182, 0.4150,
0.5060

■ 59.8541, 0.2759,
0.2663

■ 51.8630, 0.4159,
0.5080

■ 59.9081, 0.2761,
0.2664

■ 59.9622, 0.2764,
0.2664

Harmonies

Analogous

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



54.4605, 0.3720, 0.3775



54.4605, 0.3481, 0.3890



54.4605, 0.3154, 0.3830

Triad

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



54.4605, 0.3481, 0.3890



54.4605, 0.2500, 0.2981



54.4605, 0.3412, 0.3007

Complementary

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



54.4605, 0.3481, 0.3890



32.4734, 0.2725, 0.2614

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.



54.4605, 0.3071, 0.2818



54.4605, 0.3481, 0.3890



54.4605, 0.2558, 0.2792

Square

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



54.4605, 0.3481, 0.3890



54.4605, 0.2597, 0.3277



54.4605, 0.2762, 0.2739



54.4605, 0.3684, 0.3265

Rectangle

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



54.4605, 0.3481, 0.3890



54.4605, 0.2934, 0.3690



54.4605, 0.2762, 0.2739



54.4605, 0.3301, 0.2934

Sweetspot

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



54.4629, 0.3481, 0.3890



98.8362, 0.3229, 0.3462



36.2834, 0.3625, 0.3302



21.1346, 0.3238, 0.3477



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.



54.4629, 0.3481, 0.3890



95.8416, 0.3557, 0.4020



51.4949, 0.3281, 0.3931



12.4059, 0.3262, 0.3518



33.7358, 0.4159, 0.5080



1.6009, 0.4167, 0.5074

Inverse Universe

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



32.4734, 0.2725, 0.2614



50.2959, 0.2624, 0.2444



34.9884, 0.2938, 0.2653



10.2973, 0.2986, 0.3051



2.6724, 0.1507, 0.0604



0.1301, 0.1532, 0.0618

Previews

White Background



This preview shows how the Yxy color 54.4605, 0.3481, 0.3890 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 54.4605, 0.3481, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

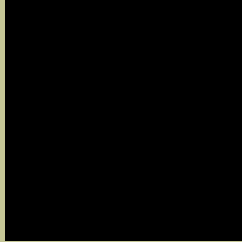
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

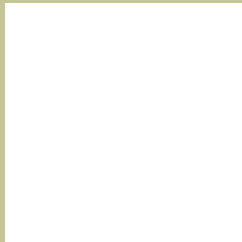
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4605, 0.3481, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 54.4605, 0.3481, 0.3890.



This preview shows how white text looks on a background with the Yxy color 54.4605, 0.3481, 0.3890.

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

54.4605, 0.3481, 0.3890

Protanopia

54.1316, 0.3603, 0.3851

Deuteranopia

54.3016, 0.3771, 0.3694



Tritanopia

54.5552, 0.3119, 0.3113

Trichromacy



Original Color

54.4605, 0.3481, 0.3890

Protanomaly

54.0375, 0.3557, 0.3857

Deuteranomaly

54.2477, 0.3668, 0.3766

Tritanomaly

54.5463, 0.3244, 0.3388

Monochromacy



Original Color

54.4605, 0.3481, 0.3890

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2272, 0.3256, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4605, 0.3481, 0.3890 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(197, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 150)  
}
```

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(197, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.4605, 0.3481, 0.3890 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(197, 198, 150) }
```

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

```
.border{ border-color:rgb(197, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4605, 0.3481, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 150) }
```

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

```
.background{ background-color: rgb(197,  
198, 150) }
```

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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