

Converting Colors

$Y_{xy}(40.7494, 0.3540, 0.3525)$

Have a look what the booklet for
Yxy(40.7494, 0.3540, 0.3525)
contains.

Yxy(40.7480, 0.3549, 0.3530)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.7480, 0.3549, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	C1A694
RGB	193, 166, 148
RGB Percent	76%, 65%, 58%
CMY	0.2433, 0.3490, 0.4196
CMYK	0.00, 0.14, 0.23, 0.24
HSL	24°, 27%, 67%
HSV	24°, 23%, 76%
XYZ	40.9673, 40.7480, 33.7181
YIQ	172.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

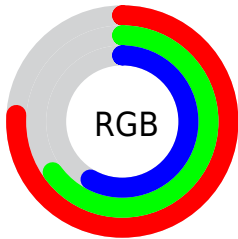
Format	Color
R _Y B	193, 178, 148
Decimal	12691092
CIE Lab	70.00, 7.01, 12.96
CIE LCh	70, 14.736, 61.614
Yxy	40.7480, 0.3549, 0.3530
Android (android.graphics.Color)	4290881172 (0xFFC1A694)
YUV	172.0210, -11.8424, 18.3986
Hunter-Lab	63.8342, 2.8475, 13.3661

Details

The Yxy color **40.7480, 0.3549, 0.3530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7815, 0.2767, 0.3037**, and the grayscale version is **41.3180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3012, 0.3470, 0.3487**, and **18.3867, 0.3685, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **36.1716, 0.3779, 0.3639**, and if you desaturate by 10%, it is **45.8080, 0.3350, 0.3423**.

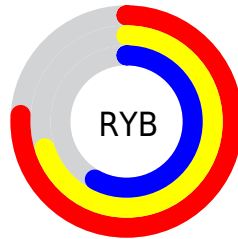
Distribution



Red (76%)

Green (65%)

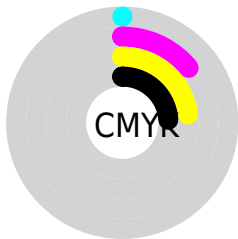
Blue (58%)



Red (76%)

Yellow (70%)

Blue (58%)

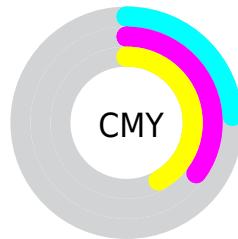


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7480, 0.3549, 0.3530 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 40.7480, 0.3549, 0.3530 by changing the saturation by 10% instead.


 40.7480, 0.3549,
0.3530

 40.7480, 0.3549,
0.3530


349.2663, 0.3332,
0.3410

 28.1222, 0.3605,
0.3560


 76.3012, 0.3469,
0.3487

 18.4178, 0.3678,
0.3597


 99.9974, 0.3439,
0.3470

 11.2504, 0.3777,
0.3647


128.1526, 0.3414,
0.3457

 6.2355, 0.3918,
0.3714

161.1511, 0.3393,
0.3445

 2.9888, 0.4135,
0.3811

199.3773, 0.3375,
0.3434

 1.1259, 0.4739,
0.4157

243.2156, 0.3359,

 0.0000, 1.0000,

0.3425

0.0000

293.0505, 0.3345,
0.3417

■ 0.0000, 0.0000,
0.0000

■ 40.7480, 0.3549,
0.3530

■ 40.7480, 0.3549,
0.3530

■ 36.1716, 0.3779,
0.3639

■ 45.8080, 0.3350,
0.3423

■ 32.0582, 0.4040,
0.3746

■ 51.3604, 0.3178,
0.3322

■ 28.3940, 0.4331,
0.3843

■ 57.4204, 0.3031,
0.3228

■ 25.1622, 0.4644,
0.3921

■ 64.0013, 0.2905,
0.3140

■ 22.3446, 0.4965,
0.3965

■ 71.1154, 0.2797,
0.3060

■ 19.9215, 0.5272,
0.3965

■ 78.1971, 0.2749,
0.3078

■ 17.8711, 0.5542,
0.3913

■ 85.0499, 0.2760,
0.3203

■ 16.6887, 0.5699,
0.3857

■ 90.0735, 0.2768,
0.3289

Harmonies

Analogous

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



40.7480, 0.3527, 0.3358



40.7480, 0.3549, 0.3530



40.7480, 0.3454, 0.3646

Triad

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



40.7480, 0.3549, 0.3530



40.7480, 0.2863, 0.3402



40.7480, 0.2974, 0.2941

Complementary

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



40.7480, 0.3549, 0.3530



40.7815, 0.2767, 0.3037

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.



40.7480, 0.2805, 0.2941



40.7480, 0.3549, 0.3530



40.7480, 0.2743, 0.3200

Square

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



40.7480, 0.3549, 0.3530



40.7480, 0.3055, 0.3577



40.7480, 0.2722, 0.3032



40.7480, 0.3189, 0.3026

Rectangle

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



40.7480, 0.3549, 0.3530



40.7480, 0.3339, 0.3672



40.7480, 0.2722, 0.3032



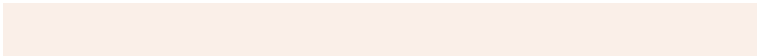
40.7480, 0.2910, 0.2931

Sweetspot

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



40.7499, 0.3549, 0.3530



88.1328, 0.3240, 0.3360



35.6044, 0.3326, 0.2937



18.7771, 0.3251, 0.3366



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.7499, 0.3549, 0.3530



68.6956, 0.3663, 0.3586



49.6397, 0.3487, 0.3811



10.7256, 0.3279, 0.3383



11.2511, 0.5676, 0.3875



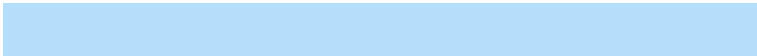
0.6210, 0.5270, 0.4198

Inverse Universe

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



40.7815, 0.2767, 0.3037



68.7570, 0.2687, 0.2973



32.7590, 0.2741, 0.2709



10.7292, 0.2984, 0.3196



10.9750, 0.1871, 0.1936



0.6062, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 40.7480, 0.3549, 0.3530 looks on a white background.

Color Contrast Check

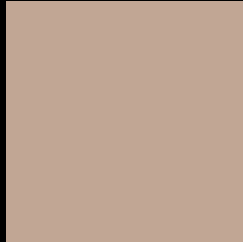
Large Text (above 18pt) WCAG AA × Fail

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 40.7480, 0.3549, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

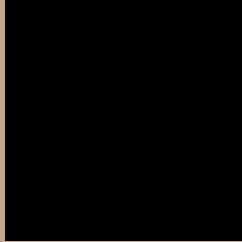
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7480, 0.3549, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 40.7480, 0.3549, 0.3530.



This preview shows how white text looks on a background with the Yxy color 40.7480, 0.3549, 0.3530.

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

40.7480, 0.3549, 0.3530

Protanopia

40.9115, 0.3383, 0.3580

Deuteranopia

40.7841, 0.3582, 0.3514



Tritanopia

40.6716, 0.3335, 0.3123

Trichromacy



Original Color

40.7480, 0.3549, 0.3530

Protanomaly

40.7362, 0.3444, 0.3563

Deuteranomaly

40.6505, 0.3572, 0.3515

Tritanomaly

40.5131, 0.3416, 0.3265

Monochromacy



Original Color

40.7480, 0.3549, 0.3530

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0971, 0.3279, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7480, 0.3549, 0.3530 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(193, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 148)  
}
```

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(193, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 148) }
```

Border

The CSS property to change the border of an element to Yxy 40.7480, 0.3549, 0.3530 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(193, 166, 148) }
```

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

```
.border{ border-color:rgb(193, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7480, 0.3549, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 148) }
```

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

```
.background{ background-color: rgb(193,  
166, 148) }
```

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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