

Converting Colors

$Y_{xy}(42.4793, 0.3485, 0.3399)$

Have a look what the booklet for
Yxy(42.4793, 0.3485, 0.3399)
contains.

Yxy(42.5491, 0.3481, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5491, 0.3481, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	C6A8A0
RGB	198, 168, 160
RGB Percent	78%, 66%, 63%
CMY	0.2235, 0.3412, 0.3725
CMYK	0.00, 0.15, 0.19, 0.22
HSL	13°, 25%, 70%
HSV	13°, 19%, 78%
XYZ	43.6398, 42.5491, 39.1768
YIQ	176.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

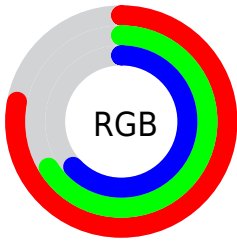
Format	Color
R_{YB}	198, 170, 160
Decimal	13019296
CIE Lab	71.25, 9.66, 8.18
CIE LCh	71, 12.658, 40.240
Yxy	42.5491, 0.3481, 0.3394
Android (android.graphics.Color)	4291209376 (0xFFC6A8A0)
YUV	176.0580, -7.9166, 19.2431
Hunter-Lab	65.2297, 5.2677, 10.0514

Details

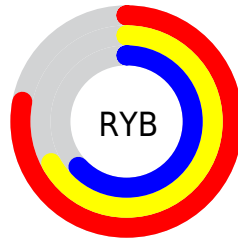
The Yxy color **42.5491, 0.3481, 0.3394** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3921, 0.2836, 0.3184**, and the grayscale version is **43.4839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9416, 0.3412, 0.3371**, and **19.5242, 0.3586, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **36.4803, 0.3722, 0.3452**, and if you desaturate by 10%, it is **49.4267, 0.3281, 0.3338**.

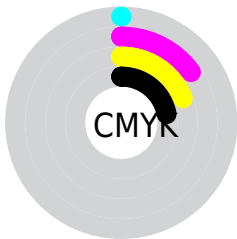
Distribution



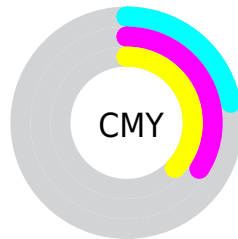
- Red (78%)
- Green (66%)
- Blue (63%)



- Red (78%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (22%)




- Cyan (22%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5491, 0.3481, 0.3394 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 42.5491, 0.3481, 0.3394 by changing the saturation by 10% instead.


 42.5491, 0.3481,
0.3394


 42.5491, 0.3481,
0.3394


356.7541, 0.3300,
0.3344

 29.5315, 0.3527,
0.3406

 79.0300, 0.3414,
0.3376

 19.4833, 0.3588,
0.3421


 103.2621, 0.3390,
0.3369

 12.0200, 0.3669,
0.3440


132.0011, 0.3369,
0.3363

 6.7573, 0.3786,
0.3466

165.6314, 0.3351,
0.3358

 3.3108, 0.3965,
0.3501

204.5375, 0.3336,
0.3354

 1.2961, 0.4288,
0.3559

249.1037, 0.3322,

 0.1381, 0.7266,

0.3350

0.2734

299.7145, 0.3311,
0.3347

0.0000, 0.0000,
0.0000

42.5491, 0.3481,
0.3394

42.5491, 0.3481,
0.3394

36.4803, 0.3722,
0.3452

49.4267, 0.3281,
0.3338

31.1849, 0.4009,
0.3510

57.1357, 0.3115,
0.3286

26.6331, 0.4344,
0.3563

65.7045, 0.2977,
0.3238

22.7911, 0.4723,
0.3604

75.1590, 0.2863,
0.3194

19.6225, 0.5130,
0.3625

85.2618, 0.2787,
0.3196

■ 17.0874, 0.5532,
0.3614

■ 90.7474, 0.2794,
0.3289

■ 15.1415, 0.5883,
0.3567

■ 13.7297, 0.6146,
0.3492

■ 13.6357, 0.6165,
0.3487

Harmonies

Analogous

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



42.5491, 0.3393, 0.3238



42.5491, 0.3481, 0.3394



42.5491, 0.3470, 0.3529

Triad

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



42.5491, 0.3481, 0.3394



42.5491, 0.3016, 0.3495



42.5491, 0.2888, 0.2985

Complementary

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



42.5491, 0.3481, 0.3394



48.3921, 0.2836, 0.3184

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.



42.5491, 0.2794, 0.3042



42.5491, 0.3481, 0.3394



42.5491, 0.2866, 0.3336

Square

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



42.5491, 0.3481, 0.3394



42.5491, 0.3198, 0.3595



42.5491, 0.2786, 0.3169



42.5491, 0.3048, 0.3006

Rectangle

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



42.5491, 0.3481, 0.3394



42.5491, 0.3410, 0.3589



42.5491, 0.2786, 0.3169



42.5491, 0.2848, 0.2995

Sweetspot

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



42.5510, 0.3481, 0.3394



91.5837, 0.3226, 0.3322



40.8901, 0.3216, 0.2909



19.4138, 0.3237, 0.3325



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.



42.5510, 0.3481, 0.3394



70.7025, 0.3576, 0.3418



49.9228, 0.3438, 0.3627



10.9921, 0.3284, 0.3339



8.9685, 0.6144, 0.3504



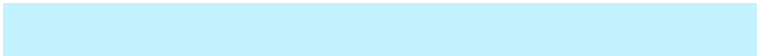
0.5325, 0.5738, 0.3826

Inverse Universe

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



48.3921, 0.2836, 0.3184



82.9103, 0.2775, 0.3158



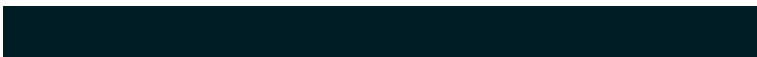
40.8355, 0.2822, 0.2929



11.6745, 0.2984, 0.3240



18.3277, 0.2057, 0.2607



0.9655, 0.2101, 0.2765

Previews

White Background



This preview shows how the Yxy color 42.5491, 0.3481, 0.3394 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 42.5491, 0.3481, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

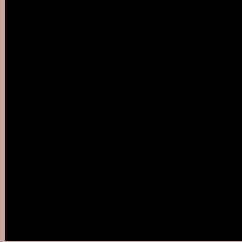
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5491, 0.3481, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 42.5491, 0.3481, 0.3394.



This preview shows how white text looks on a background with the Yxy color 42.5491, 0.3481, 0.3394.

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

42.5491, 0.3481, 0.3394

Protanopia

42.6197, 0.3274, 0.3439

Deuteranopia

42.4136, 0.3471, 0.3395



Tritanopia

42.4040, 0.3341, 0.3126

Trichromacy



Original Color

42.5491, 0.3481, 0.3394

Protanomaly

42.6785, 0.3350, 0.3423

Deuteranomaly

42.4136, 0.3471, 0.3395

Tritanomaly

42.3548, 0.3394, 0.3227

Monochromacy



Original Color

42.5491, 0.3481, 0.3394

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9798, 0.3252, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5491, 0.3481, 0.3394 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, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 160)  
}
```

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, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.5491, 0.3481, 0.3394 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, 168, 160) }
```

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

```
.border{ border-color:rgb(198, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5491, 0.3481, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 160) }
```

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

```
.background{ background-color: rgb(198,  
168, 160) }
```

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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