

Converting Colors

Yxy(53.0157, 0.3793, 0.4102)

Have a look what the booklet for
Yxy(53.0157, 0.3793, 0.4102)
contains.

Yxy(53.1759, 0.3794, 0.4112)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.1759, 0.3794, 0.4112)

Conversions

Conversions Part 1

Format	Color
Hex	D1C17D
RGB	209, 193, 125
RGB Percent	82%, 76%, 49%
CMY	0.1804, 0.2431, 0.5098
CMYK	0.00, 0.08, 0.40, 0.18
HSL	49°, 48%, 65%
HSV	49°, 40%, 82%
XYZ	49.0636, 53.1759, 27.0794
YIQ	190.0320, 31.3640, -17.7560

Conversions

Conversions Part 2

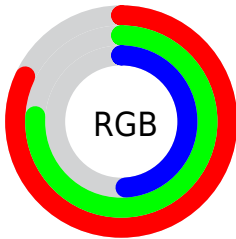
Format	Color
RYB	145, 209, 125
Decimal	13746557
CIELab	77.98, -3.99, 36.26
CIELCh	78, 36.478, 96.278
Yxy	53.1759, 0.3794, 0.4112
Android (android.graphics.Color)	4291936637 (0xFFD1C17D)
YUV	190.0320, -32.0608, 16.6349
Hunter-Lab	72.9218, -7.5140, 29.0280

Details

The Yxy color **53.1759, 0.3794, 0.4112** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.0063, 0.2424, 0.2302**, and the grayscale version is **51.6870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2257, 0.3601, 0.3994**, and **26.0365, 0.3948, 0.4321** is the 20% darker color. If you saturate the color by 10%, you get **50.9647, 0.3968, 0.4303**, and if you desaturate by 10%, it is **55.5517, 0.3618, 0.3908**.

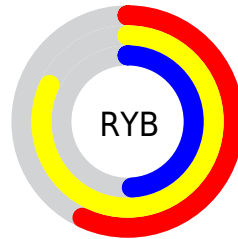
Distribution



Red (82%)

Green (76%)

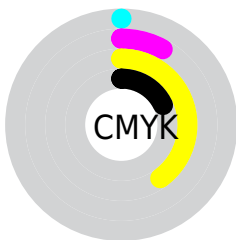
Blue (49%)



Red (57%)

Yellow (82%)

Blue (49%)

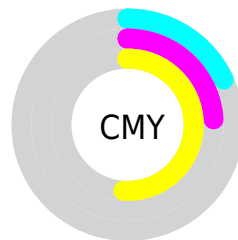


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1759, 0.3794, 0.4112 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 53.1759, 0.3794, 0.4112 by changing the saturation by 10% instead.


 53.1759, 0.3794,
0.4112


 53.1759, 0.3794,
0.4112

398.9596, 0.3477,
0.3714


 37.9432, 0.3866,
0.4205


 94.8632, 0.3683,
0.3971

 25.9386, 0.3954,
0.4321


 122.0865, 0.3641,
0.3917

 16.7777, 0.4063,
0.4466


 154.0755, 0.3604,
0.3871

 10.0761, 0.4197,
0.4651

191.2146, 0.3572,
0.3831

 5.4495, 0.4360,
0.4889

233.8882, 0.3543,
0.3796

 2.5133, 0.4666,
0.5334

282.4806, 0.3519,

 0.8833, 0.4566,

0.3765

0.5434

337.3763, 0.3497,
0.3738

0.0000, 0.0000,
0.0000

53.1759, 0.3794,
0.4112

53.1759, 0.3794,
0.4112

50.9647, 0.3968,
0.4303

55.5517, 0.3618,
0.3908

48.9032, 0.4133,
0.4470

58.0914, 0.3447,
0.3699

46.9856, 0.4283,
0.4604

60.8041, 0.3283,
0.3493

45.2025, 0.4409,
0.4696

63.6955, 0.3130,
0.3294

43.5427, 0.4507,
0.4741

66.7713, 0.2989,
0.3105

■ 42.0145, 0.4578,
0.4747

■ 70.0368, 0.2860,
0.2929

■ 72.4028, 0.2835,
0.2926

■ 74.5254, 0.2838,
0.2969

■ 76.6980, 0.2840,
0.3012

Harmonies

Analogous

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



53.1759, 0.4064, 0.3843



53.1759, 0.3794, 0.4112



53.1759, 0.3355, 0.4160

Triad

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



53.1759, 0.3794, 0.4112



53.1759, 0.2268, 0.2992



53.1759, 0.3332, 0.2764

Complementary

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



53.1759, 0.3794, 0.4112



28.0063, 0.2424, 0.2302

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.



53.1759, 0.2843, 0.2560



53.1759, 0.3794, 0.4112



53.1759, 0.2262, 0.2659

Square

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



53.1759, 0.3794, 0.4112



53.1759, 0.2484, 0.3462



53.1759, 0.2463, 0.2516



53.1759, 0.3794, 0.3087

Rectangle

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



53.1759, 0.3794, 0.4112



53.1759, 0.3032, 0.4029



53.1759, 0.2463, 0.2516



53.1759, 0.3164, 0.2680

Sweetspot

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



53.1784, 0.3794, 0.4112



94.5252, 0.3314, 0.3533



30.1677, 0.3929, 0.3079



20.1101, 0.3335, 0.3560



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.



53.1784, 0.3794, 0.4112



80.4944, 0.3940, 0.4273



57.2405, 0.3515, 0.4354



13.3993, 0.3271, 0.3477



26.0453, 0.4572, 0.4752



1.5571, 0.4490, 0.4817

Inverse Universe

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



28.0063, 0.2424, 0.2302



35.9130, 0.2260, 0.2053



25.7728, 0.2603, 0.2132



11.7765, 0.2982, 0.3096



3.8724, 0.1553, 0.0790



0.3272, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 53.1759, 0.3794, 0.4112 looks on a white background.

Color Contrast Check

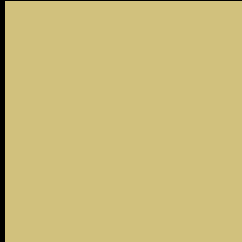
Large Text (above 18pt) WCAG AA × Fail

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 53.1759, 0.3794, 0.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

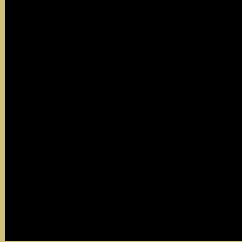
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1759, 0.3794, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 53.1759, 0.3794, 0.4112.



This preview shows how white text looks on a background with the Yxy color 53.1759, 0.3794, 0.4112.

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

53.1759, 0.3794, 0.4112

Protanopia

53.3222, 0.3803, 0.4109

Deuteranopia

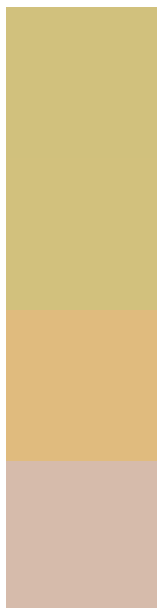
52.9691, 0.4029, 0.3933



Tritanopia

53.1099, 0.3295, 0.3128

Trichromacy



Original Color

53.1759, 0.3794, 0.4112

Protanomaly

53.3222, 0.3803, 0.4109

Deuteranomaly

52.8943, 0.3949, 0.3996

Tritanomaly

52.7771, 0.3487, 0.3482

Monochromacy



Original Color

53.1759, 0.3794, 0.4112

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8851, 0.3372, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1759, 0.3794, 0.4112 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(209, 193, 125)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 125)  
}
```

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(209, 193, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 125) }
```

Border

The CSS property to change the border of an element to Yxy 53.1759, 0.3794, 0.4112 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(209, 193, 125) }
```

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

```
.border{ border-color:rgb(209, 193, 125) }
```

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

Here you see how a box with a 4 pixel rgb(209, 193, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 125);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1759, 0.3794, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 125) }
```

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

```
.background{ background-color: rgb(209,  
193, 125) }
```

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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