

Converting Colors

$Yxy(53.7449, 0.3708, 0.4249)$

Have a look what the booklet for
Yxy(53.7449, 0.3708, 0.4249)
contains.

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Color

Yxy(53.7744, 0.3704, 0.4244)

Conversions

Conversions Part 1

Format	Color
Hex	C6C679
RGB	198, 198, 121
RGB Percent	78%, 78%, 47%
CMY	0.2236, 0.2235, 0.5254
CMYK	0.00, 0.00, 0.39, 0.22
HSL	60°, 40%, 63%
HSV	60°, 39%, 78%
XYZ	46.9322, 53.7744, 26.0003
YIQ	189.2220, 24.7170, -23.9470

Conversions

Conversions Part 2

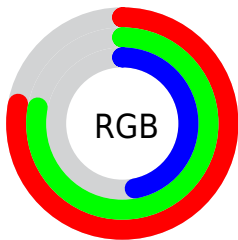
Format	Color
RYB	121, 198, 121
Decimal	13026937
CIELab	78.33, -11.40, 38.56
CIElCh	78, 40.207, 106.467
Yxy	53.7744, 0.3704, 0.4244
Android (android.graphics.Color)	4291217017 (0xFFC6C679)
YUV	189.2220, -33.6334, 7.6983
Hunter-Lab	73.3310, -14.0884, 30.3099

Details

The Yxy color **53.7744, 0.3704, 0.4244** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.8246, 0.2418, 0.2117**, and the grayscale version is **51.2093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **26.2411, 0.3834, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **53.3390, 0.3838, 0.4466**, and if you desaturate by 10%, it is **54.3144, 0.3559, 0.4004**.

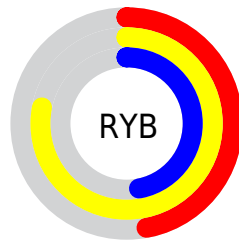
Distribution



Red (78%)

Green (78%)

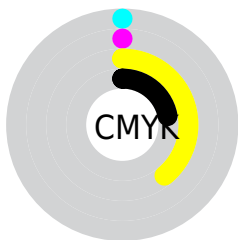
Blue (47%)



Red (47%)

Yellow (78%)

Blue (47%)

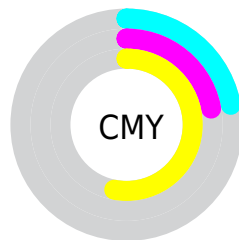


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7744, 0.3704, 0.4244 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 53.7744, 0.3704, 0.4244 by changing the saturation by 10% instead.


 53.7744, 0.3704,
0.4244


 53.7744, 0.3704,
0.4244


401.2491, 0.3436,
0.3775


 38.4213, 0.3763,
0.4356


 95.7429, 0.3612,
0.4077

 26.3099, 0.3832,
0.4495


 123.1272, 0.3576,
0.4013

 17.0556, 0.3915,
0.4672


 155.2906, 0.3545,
0.3959

 10.2741, 0.4011,
0.4902

192.6176, 0.3518,
0.3912

 5.5811, 0.4118,
0.5211

235.4925, 0.3494,
0.3871

 2.5921, 0.4277,
0.5723

284.2998, 0.3472,

 0.9227, 0.3934,

0.3835

0.6066

339.4239, 0.3453,
0.3804

0.0000, 0.0000,
0.0000

53.7744, 0.3704,
0.4244

53.7744, 0.3704,
0.4244

53.3390, 0.3838,
0.4466

54.3144, 0.3559,
0.4004

52.9948, 0.3956,
0.4661

54.9572, 0.3408,
0.3755

52.7373, 0.4052,
0.4820

55.7106, 0.3258,
0.3506

52.5588, 0.4123,
0.4937


56.5794, 0.3111,
0.3263

52.4502, 0.4168,
0.5012

57.5681, 0.2971,
0.3032

 52.3963, 0.4191,
0.5049

 58.6811, 0.2841,
0.2816

 52.3914, 0.4193,
0.5053

 59.6211, 0.2747,
0.2661

 59.6218, 0.2747,
0.2661

 59.6226, 0.2747,
0.2661

Harmonies

Analogous

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



53.7744, 0.4080, 0.4008



53.7744, 0.3704, 0.4244



53.7744, 0.3192, 0.4198

Triad

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



53.7744, 0.3704, 0.4244



53.7744, 0.2164, 0.2813



53.7744, 0.3535, 0.2824

Complementary

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



53.7744, 0.3704, 0.4244



21.8246, 0.2418, 0.2117

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.



53.7744, 0.2988, 0.2554



53.7744, 0.3704, 0.4244



53.7744, 0.2235, 0.2523

Square

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



53.7744, 0.3704, 0.4244



53.7744, 0.2319, 0.3290



53.7744, 0.2522, 0.2443



53.7744, 0.3994, 0.3202

Rectangle

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



53.7744, 0.3704, 0.4244



53.7744, 0.2845, 0.3981



53.7744, 0.2522, 0.2443



53.7744, 0.3353, 0.2719

Sweetspot

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



53.7768, 0.3704, 0.4244



98.1820, 0.3307, 0.3588



27.0670, 0.4086, 0.3293



20.9765, 0.3327, 0.3621



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.



53.7768, 0.3704, 0.4244



94.5272, 0.3823, 0.4441



49.1964, 0.3372, 0.4360



12.4169, 0.3265, 0.3518



34.0684, 0.4193, 0.5053



1.6132, 0.4193, 0.5053

Inverse Universe

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



21.8246, 0.2418, 0.2117



29.7559, 0.2229, 0.1804



25.1803, 0.2776, 0.2223



10.2876, 0.2983, 0.3051



2.6518, 0.1500, 0.0600



0.1256, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 53.7744, 0.3704, 0.4244 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 53.7744, 0.3704, 0.4244 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

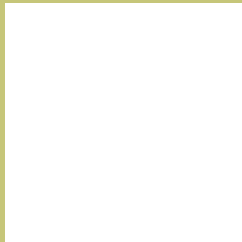
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7744, 0.3704, 0.4244

Background



This preview shows how black text looks on a background with the Yxy color 53.7744, 0.3704, 0.4244.



This preview shows how white text looks on a background with the Yxy color 53.7744, 0.3704, 0.4244.

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

53.7744, 0.3704, 0.4244

Protanopia

53.7644, 0.3852, 0.4185

Deuteranopia

53.4768, 0.4056, 0.3974



Tritanopia

53.5436, 0.3168, 0.3113

Trichromacy



Original Color

53.7744, 0.3704, 0.4244

Protanomaly

53.5081, 0.3795, 0.4199

Deuteranomaly

53.4726, 0.3922, 0.4072

Tritanomaly

53.5538, 0.3374, 0.3523

Monochromacy



Original Color

53.7744, 0.3704, 0.4244

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5861, 0.3343, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7744, 0.3704, 0.4244 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 121) }
```

Border

The CSS property to change the border of an element to Yxy 53.7744, 0.3704, 0.4244 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, 121) }
```

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

```
.border{ border-color:rgb(198, 198, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 121);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7744, 0.3704, 0.4244 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, 121) }
```

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

```
.background{ background-color: rgb(198,  
198, 121) }
```

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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