

Converting Colors

$Y_{xy}(54.7499, 0.3795, 0.3924)$

Have a look what the booklet for
Yxy(54.7499, 0.3795, 0.3924)
contains.

Yxy(54.7499, 0.3795, 0.3924)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7499, 0.3795, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	DCC08A
RGB	220, 192, 138
RGB Percent	86%, 75%, 54%
CMY	0.1373, 0.2470, 0.4588
CMYK	0.00, 0.13, 0.37, 0.14
HSL	40°, 54%, 70%
HSV	40°, 37%, 86%
XYZ	52.9500, 54.7499, 31.8258
YIQ	194.2160, 34.0220, -10.8580

Conversions

Conversions Part 2

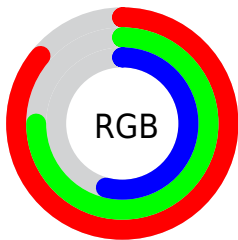
Format	Color
R _{YB}	181, 220, 138
Decimal	14467210
CIE Lab	78.90, 2.38, 30.89
CIE LCh	79, 30.976, 85.602
Yxy	54.7499, 0.3795, 0.3924
Android (android.graphics.Color)	4292657290 (0xFFDCC08A)
YUV	194.2160, -27.7145, 22.6126
Hunter-Lab	73.9932, -1.7522, 26.2935

Details

The Yxy color **54.7499, 0.3795, 0.3924** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.8398, 0.2504, 0.2558**, and the grayscale version is **54.2367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2006, 0.3517, 0.3846**, and **27.0459, 0.3969, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **50.9646, 0.4005, 0.4090**, and if you desaturate by 10%, it is **58.8375, 0.3595, 0.3750**.

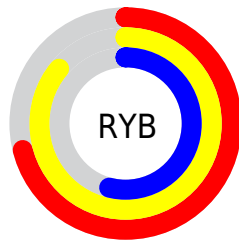
Distribution



Red (86%)

Green (75%)

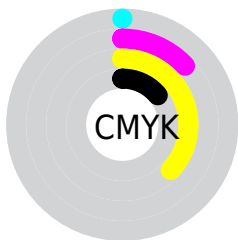
Blue (54%)



Red (71%)

Yellow (86%)

Blue (54%)

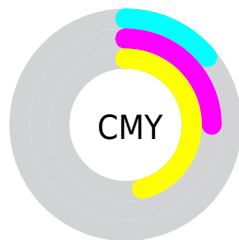


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (25%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7499, 0.3795, 0.3924 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 54.7499, 0.3795, 0.3924 by changing the saturation by 10% instead.


 54.7499, 0.3795,
0.3924


 54.7499, 0.3795,
0.3924


404.9632, 0.3473,
0.3622

 39.2015, 0.3870,
0.3994


 97.1744, 0.3682,
0.3818

 26.9165, 0.3964,
0.4080


 124.8194, 0.3638,
0.3777

 17.5105, 0.4082,
0.4188


 157.2653, 0.3601,
0.3742

 10.5992, 0.4236,
0.4325

194.8965, 0.3568,
0.3712

 5.7980, 0.4436,
0.4500

238.0976, 0.3540,
0.3685

 2.7226, 0.4884,
0.4903

287.2528, 0.3515,

 0.9887, 0.5037,

0.3661

0.4963

342.7465, 0.3493,
0.3641

0.0000, 0.0000,
0.0000

54.7499, 0.3795,
0.3924

54.7499, 0.3795,
0.3924

50.9646, 0.4005,
0.4090

58.8375, 0.3595,
0.3750

47.4637, 0.4220,
0.4239

63.2295, 0.3409,
0.3576

44.2386, 0.4429,
0.4358

67.9374, 0.3240,
0.3408

41.2767, 0.4624,
0.4438


72.9698, 0.3087,
0.3247

38.5639, 0.4793,
0.4470


78.3348, 0.2950,
0.3097


 36.0822, 0.4930,
0.4450

 83.0356, 0.2912,
0.3105

 35.4358, 0.4965,
0.4440

 87.4762, 0.2914,
0.3183

 92.1010, 0.2916,
0.3260

 93.9536, 0.2917,
0.3289

Harmonies

Analogous

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



54.7499, 0.3945, 0.3661



54.7499, 0.3795, 0.3924



54.7499, 0.3467, 0.4030

Triad

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



54.7499, 0.3795, 0.3924



54.7499, 0.2443, 0.3177



54.7499, 0.3152, 0.2765

Complementary

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



54.7499, 0.3795, 0.3924



37.8398, 0.2504, 0.2558

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.



54.7499, 0.2759, 0.2636



54.7499, 0.3795, 0.3924



54.7499, 0.2371, 0.2844

Square

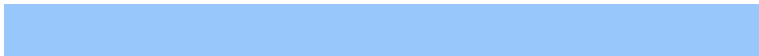
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7499, 0.3795, 0.3924



54.7499, 0.2689, 0.3580



54.7499, 0.2482, 0.2657



54.7499, 0.3562, 0.3013

Rectangle

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



54.7499, 0.3795, 0.3924



54.7499, 0.3198, 0.3976



54.7499, 0.2482, 0.2657



54.7499, 0.3013, 0.2707

Sweetspot

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



54.7524, 0.3795, 0.3924



92.3666, 0.3303, 0.3471



36.1733, 0.3712, 0.2948



19.5771, 0.3326, 0.3494



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.



54.7524, 0.3795, 0.3924



72.1887, 0.3965, 0.4060



66.3801, 0.3587, 0.4245



14.4765, 0.3275, 0.3444



21.0141, 0.4950, 0.4452



1.5190, 0.4796, 0.4574

Inverse Universe

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



37.8398, 0.2504, 0.2558



45.2235, 0.2358, 0.2364



29.8605, 0.2545, 0.2193



13.3401, 0.2981, 0.3132



6.1792, 0.1641, 0.1108



0.5572, 0.1733, 0.1438

Previews

White Background



This preview shows how the Yxy color 54.7499, 0.3795, 0.3924 looks on a white background.

Color Contrast Check

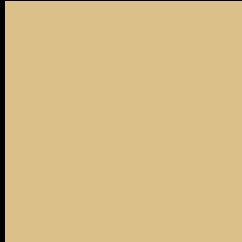
Large Text (above 18pt) WCAG AA × Fail

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 54.7499, 0.3795, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

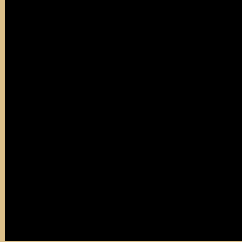
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7499, 0.3795, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 54.7499, 0.3795, 0.3924.



This preview shows how white text looks on a background with the Yxy color 54.7499, 0.3795, 0.3924.

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

54.7499, 0.3795, 0.3924

Protanopia

54.7432, 0.3696, 0.3964

Deuteranopia

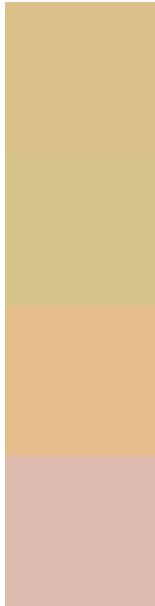
54.5605, 0.3915, 0.3834



Tritanopia

54.5269, 0.3372, 0.3132

Trichromacy



Original Color

54.7499, 0.3795, 0.3924

Protanomaly

54.7438, 0.3726, 0.3947

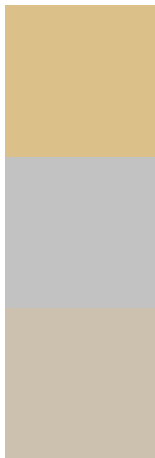
Deuteranomaly

54.7533, 0.3871, 0.3864

Tritanomaly

54.5225, 0.3533, 0.3418

Monochromacy



Original Color

54.7499, 0.3795, 0.3924

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8924, 0.3356, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7499, 0.3795, 0.3924 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(220, 192, 138)` looks like.

```
.text, #text, p{  
    color:rgb(220, 192, 138)  
}
```

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(220, 192, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 192, 138) }
```

Border

The CSS property to change the border of an element to Yxy 54.7499, 0.3795, 0.3924 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(220, 192, 138) }
```

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

```
.border{ border-color:rgb(220, 192, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 192, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 192, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 192, 138);  
box-shadow:4px 4px 4px 4px rgb(220, 192,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7499, 0.3795, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 192, 138) }
```

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

```
.background{ background-color: rgb(220,  
192, 138) }
```

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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