

Converting Colors

$Y_{xy}(51.9090, 0.3936, 0.4093)$

Have a look what the booklet for
Yxy(51.9090, 0.3936, 0.4093)
contains.

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Color

Yxy(52.0501, 0.3936, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	D9BC77
RGB	217, 188, 119
RGB Percent	85%, 74%, 47%
CMY	0.1490, 0.2627, 0.5332
CMYK	0.00, 0.13, 0.45, 0.15
HSL	42°, 56%, 66%
HSV	42°, 45%, 85%
XYZ	49.9316, 52.0501, 24.8770
YIQ	188.8050, 39.4330, -15.3110

Conversions

Conversions Part 2

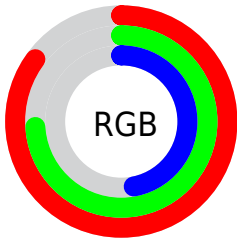
Format	Color
R_{YB}	160, 217, 119
Decimal	14269559
CIE _{Lab}	77.31, 1.24, 38.61
CIE _{LCh}	77, 38.634, 88.159
Yxy	52.0501, 0.3936, 0.4103
Android (android.graphics.Color)	4292459639 (0xFFD9BC77)
YUV	188.8050, -34.4139, 24.7270
Hunter-Lab	72.1458, -2.7165, 30.0579

Details

The Yxy color **52.0501, 0.3936, 0.4103** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **30.1262, 0.2351, 0.2305**, and the grayscale version is **50.9583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9399, 0.3652, 0.4008**, and **25.2312, 0.4129, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **48.9048, 0.4137, 0.4265**, and if you desaturate by 10%, it is **55.4415, 0.3738, 0.3925**.

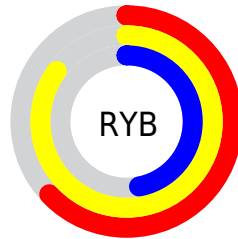
Distribution



Red (85%)

Green (74%)

Blue (47%)



Red (63%)

Yellow (85%)

Blue (47%)

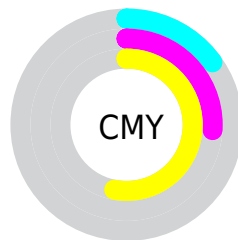


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0501, 0.3936, 0.4103 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 52.0501, 0.3936, 0.4103 by changing the saturation by 10% instead.


 52.0501, 0.3936,
0.4103


 52.0501, 0.3936,
0.4103

394.6300, 0.3548,
0.3715

 37.0450, 0.4025,
0.4191


 93.2051, 0.3800,
0.3968

 25.2423, 0.4134,
0.4298


 120.1238, 0.3748,
0.3916

 16.2577, 0.4268,
0.4430


 151.7826, 0.3703,
0.3870

 9.7067, 0.4434,
0.4591

188.5657, 0.3663,
0.3831

 5.2049, 0.4654,
0.4800

230.8576, 0.3629,
0.3797

 2.3680, 0.4938,
0.5062

279.0427, 0.3599,

 0.8093, 0.4970,

0.3766

0.5030

333.5053, 0.3572,
0.3740

0.0000, 0.0000,
0.0000

52.0501, 0.3936,
0.4103

52.0501, 0.3936,
0.4103

48.9048, 0.4137,
0.4265

55.4415, 0.3738,
0.3925

45.9886, 0.4331,
0.4400

59.0807, 0.3547,
0.3741

43.2930, 0.4511,
0.4497

62.9785, 0.3369,
0.3557

40.8057, 0.4665,
0.4548

67.1427, 0.3206,
0.3378

38.5118, 0.4789,
0.4549

71.5807, 0.3057,
0.3209

■ 37.4571, 0.4842,
0.4537

■ 76.2995, 0.2923,
0.3051

■ 80.2364, 0.2892,
0.3061

■ 83.9401, 0.2894,
0.3128

■ 87.7776, 0.2897,
0.3195

Harmonies

Analogous

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



52.0501, 0.4158, 0.3771



52.0501, 0.3936, 0.4103



52.0501, 0.3504, 0.4237

Triad

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



52.0501, 0.3936, 0.4103



52.0501, 0.2256, 0.3095



52.0501, 0.3199, 0.2660

Complementary

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



52.0501, 0.3936, 0.4103



30.1262, 0.2351, 0.2305

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.



52.0501, 0.2699, 0.2486



52.0501, 0.3936, 0.4103



52.0501, 0.2190, 0.2693

Square

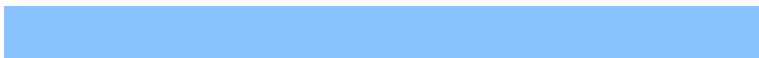
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0501, 0.3936, 0.4103



52.0501, 0.2539, 0.3615



52.0501, 0.2344, 0.2489



52.0501, 0.3718, 0.2971

Rectangle

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



52.0501, 0.3936, 0.4103



52.0501, 0.3162, 0.4157



52.0501, 0.2344, 0.2489



52.0501, 0.3022, 0.2584

Sweetspot

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



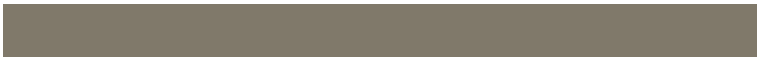
52.0525, 0.3936, 0.4103



91.3511, 0.3352, 0.3538



30.1057, 0.3958, 0.2935



19.2824, 0.3389, 0.3578



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.



52.0525, 0.3936, 0.4103



70.7622, 0.4123, 0.4255



62.8888, 0.3635, 0.4458



14.5789, 0.3274, 0.3454



22.8644, 0.4830, 0.4547



1.6284, 0.4702, 0.4648

Inverse Universe

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



30.1262, 0.2351, 0.2305



35.4995, 0.2182, 0.2056



23.6682, 0.2435, 0.1939



13.2424, 0.2981, 0.3121



5.4299, 0.1610, 0.0996



0.4996, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 52.0501, 0.3936, 0.4103 looks on a white background.

Color Contrast Check

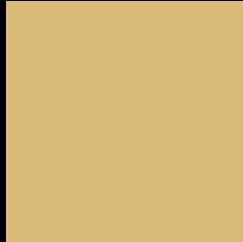
Large Text (above 18pt) WCAG AA × Fail

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 52.0501, 0.3936, 0.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

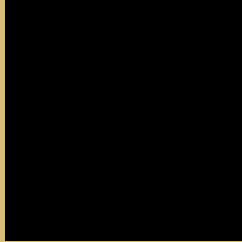
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0501, 0.3936, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 52.0501, 0.3936, 0.4103.



This preview shows how white text looks on a background with the Yxy color 52.0501, 0.3936, 0.4103.

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

52.0501, 0.3936, 0.4103

Protanopia

52.0276, 0.3832, 0.4151

Deuteranopia

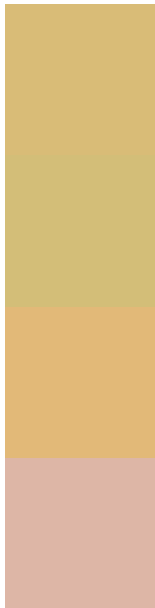
52.2120, 0.4082, 0.4000



Tritanopia

51.9377, 0.3404, 0.3130

Trichromacy



Original Color

52.0501, 0.3936, 0.4103

Protanomaly

52.0319, 0.3864, 0.4131

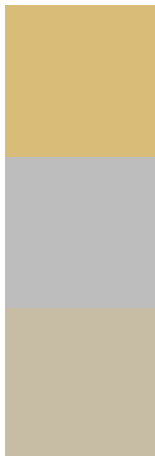
Deuteranomaly

52.2227, 0.4026, 0.4035

Tritanomaly

51.5812, 0.3605, 0.3480

Monochromacy



Original Color

52.0501, 0.3936, 0.4103

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2176, 0.3409, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0501, 0.3936, 0.4103 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(217, 188, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 119)  
}
```

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(217, 188, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 119) }
```

Border

The CSS property to change the border of an element to Yxy 52.0501, 0.3936, 0.4103 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(217, 188, 119) }
```

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

```
.border{ border-color:rgb(217, 188, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0501, 0.3936, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 119) }
```

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

```
.background{ background-color: rgb(217,  
188, 119) }
```

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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