

Converting Colors

$Yxy(52.1768, 0.4029, 0.3930)$

Have a look what the booklet for
Yxy(52.1768, 0.4029, 0.3930)
contains.

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Color

Yxy(52.3623, 0.4033, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	E7B77E
RGB	231, 183, 126
RGB Percent	91%, 72%, 49%
CMY	0.0941, 0.2823, 0.5059
CMYK	0.00, 0.21, 0.45, 0.09
HSL	33°, 69%, 70%
HSV	33°, 45%, 91%
XYZ	53.6527, 52.3623, 27.0193
YIQ	190.8540, 46.9050, -7.5510

Conversions

Conversions Part 2

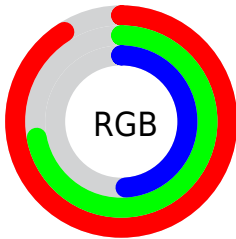
Format	Color
R_{YB}	214, 231, 126
Decimal	15185790
CIE _{Lab}	77.50, 10.22, 35.52
CIE _{LCh}	77, 36.963, 73.946
Yxy	52.3623, 0.4033, 0.3936
Android (android.graphics.Color)	4293375870 (0xFFE7B77E)
YUV	190.8540, -31.9730, 35.2080
Hunter-Lab	72.3618, 5.7159, 28.5149

Details

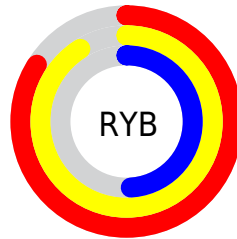
The Yxy color **52.3623, 0.4033, 0.3936** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.4730, 0.2385, 0.2529**, and the grayscale version is **52.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2477, 0.3622, 0.3893**, and **25.3713, 0.4262, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **47.6423, 0.4285, 0.4064**, and if you desaturate by 10%, it is **57.5517, 0.3796, 0.3794**.

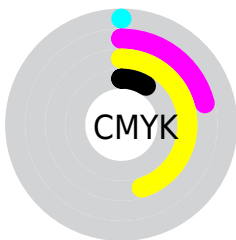
Distribution



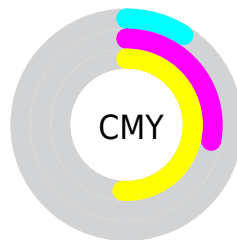
- Red (91%)
- Green (72%)
- Blue (49%)



- Red (84%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3623, 0.4033, 0.3936 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 52.3623, 0.4033, 0.3936 by changing the saturation by 10% instead.


 52.3623, 0.4033,
0.3936


 52.3623, 0.4033,
0.3936


395.8337, 0.3593,
0.3637

 37.2939, 0.4137,
0.4001


 93.6653, 0.3877,
0.3834

 25.4352, 0.4265,
0.4079


 120.6688, 0.3817,
0.3794

 16.4016, 0.4427,
0.4172


 152.4194, 0.3766,
0.3759

 9.8088, 0.4635,
0.4281

189.3016, 0.3722,
0.3728

 5.2723, 0.4905,
0.4401

231.6997, 0.3683,
0.3701

 2.4079, 0.5385,
0.4615

279.9982, 0.3650,

 0.8300, 0.5595,

0.3677

0.4405

334.5814, 0.3619,
0.3656

0.0000, 0.0000,
0.0000

52.3623, 0.4033,
0.3936

52.3623, 0.4033,
0.3936

47.6423, 0.4285,
0.4064

57.5517, 0.3796,
0.3794

43.3674, 0.4544,
0.4166

63.2185, 0.3579,
0.3647

39.5220, 0.4796,
0.4230

69.3800, 0.3385,
0.3502

36.0857, 0.5026,
0.4245

76.0500, 0.3212,
0.3363

33.0352, 0.5221,
0.4204

83.2417, 0.3061,
0.3231

■ 31.7611, 0.5300,
0.4173

■ 90.3339, 0.2981,
0.3203

■ 95.7276, 0.2982,
0.3290

Harmonies

Analogous

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



52.3623, 0.4114, 0.3573



52.3623, 0.4033, 0.3936



52.3623, 0.3703, 0.4166

Triad

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



52.3623, 0.4033, 0.3936



52.3623, 0.2397, 0.3335



52.3623, 0.2959, 0.2587

Complementary

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



52.3623, 0.4033, 0.3936



40.4730, 0.2385, 0.2529

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.



52.3623, 0.2534, 0.2497



52.3623, 0.4033, 0.3936



52.3623, 0.2231, 0.2882

Square

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



52.3623, 0.4033, 0.3936



52.3623, 0.2756, 0.3824



52.3623, 0.2280, 0.2591



52.3623, 0.3465, 0.2830

Rectangle

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



52.3623, 0.4033, 0.3936



52.3623, 0.3397, 0.4184



52.3623, 0.2280, 0.2591



52.3623, 0.2802, 0.2538

Sweetspot

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



52.3648, 0.4033, 0.3936



87.9382, 0.3360, 0.3483



35.0060, 0.3764, 0.2736



18.4488, 0.3400, 0.3514



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.



52.3648, 0.4033, 0.3936



59.7100, 0.4281, 0.4062



75.0649, 0.3773, 0.4413



15.6582, 0.3279, 0.3418



18.0585, 0.5278, 0.4191



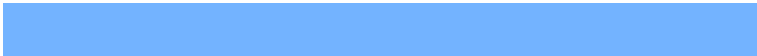
1.5197, 0.5077, 0.4351

Inverse Universe

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



40.4730, 0.2385, 0.2529



43.0281, 0.2226, 0.2326



25.3992, 0.2293, 0.1878



14.9670, 0.2981, 0.3159



9.2062, 0.1734, 0.1442



0.8642, 0.1811, 0.1720

Previews

White Background



This preview shows how the Yxy color 52.3623, 0.4033, 0.3936 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 52.3623, 0.4033, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

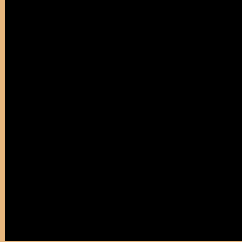
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3623, 0.4033, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 52.3623, 0.4033, 0.3936.



This preview shows how white text looks on a background with the Yxy color 52.3623, 0.4033, 0.3936.

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

52.3623, 0.4033, 0.3936

Protanopia

52.6941, 0.3759, 0.4057

Deuteranopia

52.1963, 0.4024, 0.3938



Tritanopia

52.3386, 0.3562, 0.3136

Trichromacy



Original Color

52.3623, 0.4033, 0.3936

Protanomaly

52.5526, 0.3852, 0.4016

Deuteranomaly

52.1963, 0.4024, 0.3938

Tritanomaly

52.2561, 0.3743, 0.3427

Monochromacy



Original Color

52.3623, 0.4033, 0.3936

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8783, 0.3448, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3623, 0.4033, 0.3936 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(231, 183, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 126)  
}
```

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(231, 183, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 126) }
```

Border

The CSS property to change the border of an element to Yxy 52.3623, 0.4033, 0.3936 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(231, 183, 126) }
```

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

```
.border{ border-color:rgb(231, 183, 126) }
```

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

Here you see how a box with a 4 pixel rgb(231, 183, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3623, 0.4033, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 126) }
```

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

```
.background{ background-color: rgb(231,  
183, 126) }
```

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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