

Converting Colors

$Yxy(62.6996, 0.4027, 0.3932)$

Have a look what the booklet for
Yxy(62.6996, 0.4027, 0.3932)
contains.

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Color

Yxy(62.5183, 0.4033, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	FAC689
RGB	250, 198, 137
RGB Percent	98%, 78%, 54%
CMY	0.0198, 0.2234, 0.4627
CMYK	0.00, 0.21, 0.45, 0.02
HSL	32°, 92%, 76%
HSV	32°, 45%, 98%
XYZ	64.1242, 62.5183, 32.3562
YIQ	206.5940, 50.5730, -7.9470

Conversions

Conversions Part 2

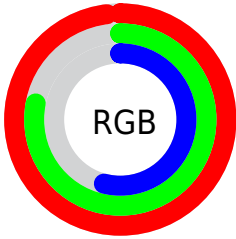
Format	Color
R _Y B	233, 250, 137
Decimal	16434825
CIE Lab	83.19, 10.99, 37.55
CIE LCh	83, 39.127, 73.683
Yxy	62.5183, 0.4033, 0.3932
Android (android.graphics.Color)	4294624905 (0xFFFA689)
YUV	206.5940, -34.3098, 38.0671
Hunter-Lab	79.0685, 6.3927, 31.0854

Details

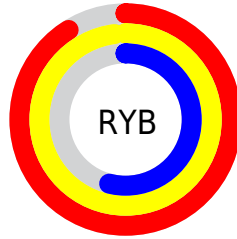
The Yxy color **62.5183, 0.4033, 0.3932** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.5917, 0.2386, 0.2534**, and the grayscale version is **62.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **31.6948, 0.4248, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **56.8274, 0.4287, 0.4060**, and if you desaturate by 10%, it is **68.7801, 0.3795, 0.3790**.

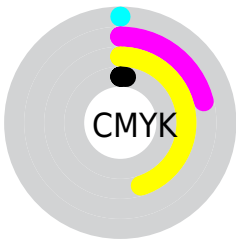
Distribution



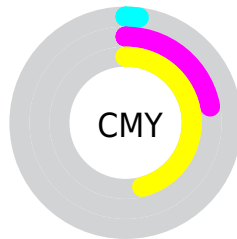
- Red (98%)
- Green (78%)
- Blue (54%)



- Red (91%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5183, 0.4033, 0.3932 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 62.5183, 0.4033, 0.3932 by changing the saturation by 10% instead.


 62.5183, 0.4033,
0.3932


 62.5183, 0.4033,
0.3932


433.8192, 0.3606,
0.3645


 45.4516, 0.4130,
0.3993


 108.4743, 0.3885,
0.3836

 31.8133, 0.4249,
0.4065


 138.1324, 0.3827,
0.3797

 21.2189, 0.4397,
0.4150


 172.7564, 0.3777,
0.3763

 13.2841, 0.4583,
0.4249

212.7307, 0.3734,
0.3734

 7.6245, 0.4821,
0.4358

258.4398, 0.3696,
0.3708

 3.8556, 0.5238,
0.4561

310.2679, 0.3663,

 1.5931, 0.5500,

0.3684

0.4500

368.5996, 0.3633,
0.3663

0.3530, 0.6311,
0.3689

0.0000, 0.0000,
0.0000

62.5183, 0.4033,
0.3932

62.5183, 0.4033,
0.3932

56.8274, 0.4287,
0.4060

68.7801, 0.3795,
0.3790

51.6781, 0.4548,
0.4162

75.6229, 0.3577,
0.3643

47.0511, 0.4802,
0.4226

83.0677, 0.3382,
0.3498

42.9216, 0.5035,
0.4239

91.1313, 0.3209,
0.3359

■ 39.2610, 0.5231,
0.4197

■ 99.0571, 0.3096,
0.3290

■ 37.6507, 0.5315,
0.4162

Harmonies

Analogous

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



62.5183, 0.4111, 0.3569



62.5183, 0.4033, 0.3932



62.5183, 0.3705, 0.4163

Triad

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



62.5183, 0.4033, 0.3932



62.5183, 0.2401, 0.3340



62.5183, 0.2955, 0.2587

Complementary

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



62.5183, 0.4033, 0.3932



48.5917, 0.2386, 0.2534

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.



62.5183, 0.2533, 0.2499



62.5183, 0.4033, 0.3932



62.5183, 0.2234, 0.2886

Square

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



62.5183, 0.4033, 0.3932



62.5183, 0.2760, 0.3826



62.5183, 0.2281, 0.2595



62.5183, 0.3460, 0.2828

Rectangle

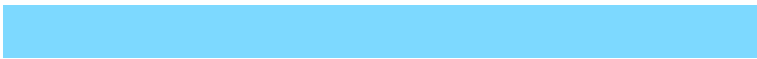
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5183, 0.4033, 0.3932



62.5183, 0.3400, 0.4183



62.5183, 0.2281, 0.2595



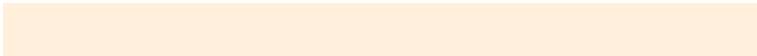
62.5183, 0.2799, 0.2539

Sweetspot

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



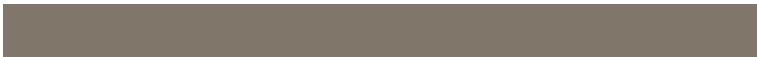
62.5213, 0.4033, 0.3932



87.8798, 0.3360, 0.3482



41.9158, 0.3763, 0.2737



18.4346, 0.3400, 0.3512



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.



62.5213, 0.4033, 0.3932



60.1104, 0.4258, 0.4046



89.7829, 0.3772, 0.4412



18.7786, 0.3280, 0.3418



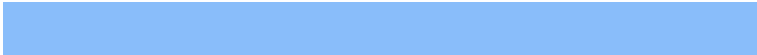
20.2692, 0.5292, 0.4180



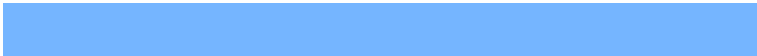
2.0894, 0.5124, 0.4313

Inverse Universe

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



48.5917, 0.2386, 0.2534



43.9161, 0.2243, 0.2353



30.4358, 0.2294, 0.1880



17.9582, 0.2979, 0.3158



10.4406, 0.1735, 0.1444



1.1763, 0.1797, 0.1669

Previews

White Background



This preview shows how the Yxy color 62.5183, 0.4033, 0.3932 looks on a white background.

Color Contrast Check

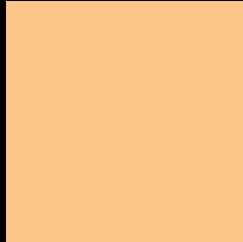
Large Text (above 18pt) WCAG AA × Fail

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 62.5183, 0.4033, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

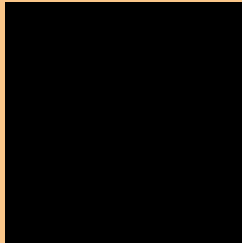
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5183, 0.4033, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 62.5183, 0.4033, 0.3932.



This preview shows how white text looks on a background with the Yxy color 62.5183, 0.4033, 0.3932.

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

62.5183, 0.4033, 0.3932

Protanopia

62.5563, 0.3755, 0.4038

Deuteranopia

62.3340, 0.4025, 0.3934



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.5183, 0.4033, 0.3932

Protanomaly

62.5716, 0.3849, 0.3997

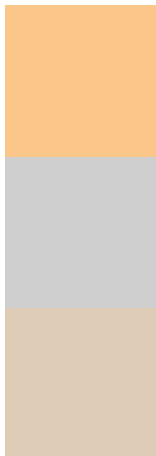
Deuteranomaly

62.3340, 0.4025, 0.3934

Tritanomaly

62.3179, 0.3731, 0.3428

Monochromacy



Original Color

62.5183, 0.4033, 0.3932

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2511, 0.3440, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5183, 0.4033, 0.3932 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(250, 198, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 137)  
}
```

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(250, 198, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 137) }
```

Border

The CSS property to change the border of an element to Yxy 62.5183, 0.4033, 0.3932 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(250, 198, 137) }
```

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

```
.border{ border-color:rgb(250, 198, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5183, 0.4033, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 137) }
```

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

```
.background{ background-color: rgb(250,  
198, 137) }
```

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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