

Converting Colors

$Yxy(62.8430, 0.4032, 0.3890)$

Have a look what the booklet for
Yxy(62.8430, 0.4032, 0.3890)
contains.

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Color

Yxy(62.9771, 0.4027, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	FCC68C
RGB	252, 198, 140
RGB Percent	99%, 78%, 55%
CMY	0.0117, 0.2235, 0.4508
CMYK	0.00, 0.21, 0.44, 0.01
HSL	31°, 95%, 77%
HSV	31°, 44%, 99%
XYZ	65.0780, 62.9771, 33.5490
YIQ	207.5340, 50.8020, -6.5900

Conversions

Conversions Part 2

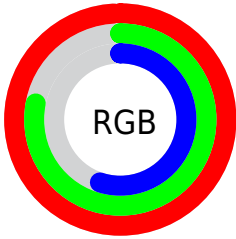
Format	Color
R_{YB}	244, 252, 140
Decimal	16565900
CIE Lab	83.43, 12.11, 36.35
CIE LCh	83, 38.313, 71.569
Yxy	62.9771, 0.4027, 0.3897
Android (android.graphics.Color)	4294755980 (0xFFFC68C)
YUV	207.5340, -33.2943, 38.9967
Hunter-Lab	79.3581, 7.5030, 30.4856

Details

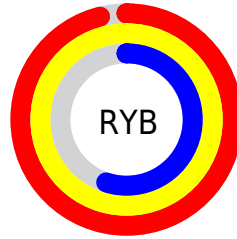
The Yxy color **62.9771, 0.4027, 0.3897** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2120, 0.2404, 0.2581**, and the grayscale version is **62.9579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **32.0052, 0.4241, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **56.9836, 0.4288, 0.4021**, and if you desaturate by 10%, it is **69.5929, 0.3784, 0.3760**.

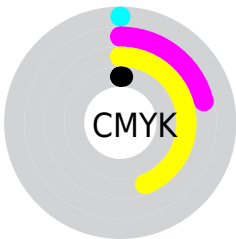
Distribution



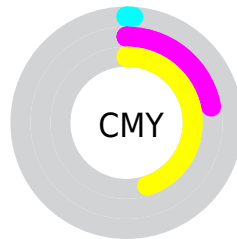
- Red (99%)
- Green (78%)
- Blue (55%)



- Red (96%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (1%)




- Cyan (1%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9771, 0.4027, 0.3897 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 62.9771, 0.4027, 0.3897 by changing the saturation by 10% instead.


 62.9771, 0.4027,
0.3897

 62.9771, 0.4027,
0.3897


435.4864, 0.3602,
0.3626

 45.8227, 0.4124,
0.3954


 109.1365, 0.3879,
0.3806

 32.1059, 0.4243,
0.4022


 138.9102, 0.3822,
0.3770

 21.4424, 0.4391,
0.4101


 173.6592, 0.3772,
0.3738

 13.4478, 0.4579,
0.4194

213.7678, 0.3729,
0.3710

 7.7376, 0.4821,
0.4297

259.6204, 0.3692,
0.3686

 3.9275, 0.5215,
0.4463

311.6015, 0.3658,

 1.6331, 0.5555,

0.3664

0.4445

370.0953, 0.3629,
0.3644

0.3798, 0.6336,
0.3664

0.0000, 0.0000,
0.0000

62.9771, 0.4027,
0.3897

62.9771, 0.4027,
0.3897

56.9836, 0.4288,
0.4021

69.5929, 0.3784,
0.3760

51.5812, 0.4558,
0.4121

76.8426, 0.3565,
0.3619

46.7488, 0.4825,
0.4183

84.7489, 0.3369,
0.3480

42.4598, 0.5071,
0.4195

93.3302, 0.3197,
0.3347

■ 38.6835, 0.5281,
0.4152

99.4378, 0.3109,
0.3290

■ 36.7841, 0.5382,
0.4108

Harmonies

Analogous

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



62.9771, 0.4083, 0.3537



62.9771, 0.4027, 0.3897



62.9771, 0.3722, 0.4134

Triad

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



62.9771, 0.4027, 0.3897



62.9771, 0.2436, 0.3374



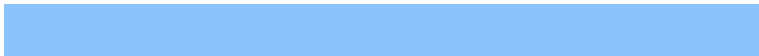
62.9771, 0.2926, 0.2590

Complementary

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



62.9771, 0.4027, 0.3897



51.2120, 0.2404, 0.2581

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.



62.9771, 0.2522, 0.2516



62.9771, 0.4027, 0.3897



62.9771, 0.2257, 0.2923

Square

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



62.9771, 0.4027, 0.3897



62.9771, 0.2799, 0.3842



62.9771, 0.2289, 0.2624



62.9771, 0.3418, 0.2817

Rectangle

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



62.9771, 0.4027, 0.3897



62.9771, 0.3429, 0.4165



62.9771, 0.2289, 0.2624



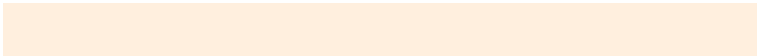
62.9771, 0.2776, 0.2546

Sweetspot

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



62.9801, 0.4027, 0.3897



88.2648, 0.3343, 0.3460



43.3659, 0.3728, 0.2727



18.4911, 0.3383, 0.3490



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.



62.9801, 0.4027, 0.3897



59.3571, 0.4250, 0.4005



91.8743, 0.3776, 0.4390



18.7116, 0.3281, 0.3413



19.4561, 0.5357, 0.4128



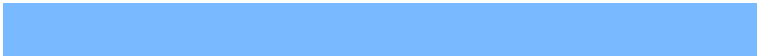
2.0143, 0.5181, 0.4269

Inverse Universe

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



51.2120, 0.2404, 0.2581



45.9170, 0.2267, 0.2414



31.5370, 0.2297, 0.1902



18.0247, 0.2980, 0.3164



11.1467, 0.1755, 0.1517



1.2435, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 62.9771, 0.4027, 0.3897 looks on a white background.

Color Contrast Check

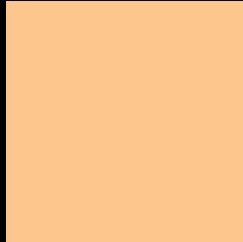
Large Text (above 18pt) WCAG AA × Fail

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 62.9771, 0.4027, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

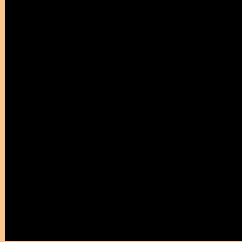
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9771, 0.4027, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 62.9771, 0.4027, 0.3897.



This preview shows how white text looks on a background with the Yxy color 62.9771, 0.4027, 0.3897.

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

62.9771, 0.4027, 0.3897

Protanopia

63.1329, 0.3729, 0.4015

Deuteranopia

62.8800, 0.3997, 0.3914



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.9771, 0.4027, 0.3897

Protanomaly

62.8311, 0.3835, 0.3963

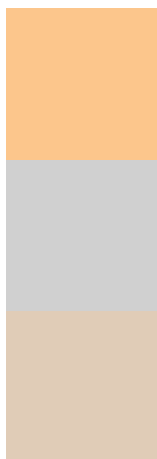
Deuteranomaly

63.0643, 0.4006, 0.3912

Tritanomaly

62.9906, 0.3728, 0.3428

Monochromacy



Original Color

62.9771, 0.4027, 0.3897

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4519, 0.3440, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9771, 0.4027, 0.3897 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(252, 198, 140)` looks like.

```
.text, #text, p{  
    color:rgb(252, 198, 140)  
}
```

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(252, 198, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 198, 140) }
```

Border

The CSS property to change the border of an element to Yxy 62.9771, 0.4027, 0.3897 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(252, 198, 140) }
```

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

```
.border{ border-color:rgb(252, 198, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 198, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 198, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 198, 140);  
box-shadow:4px 4px 4px 4px rgb(252, 198,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9771, 0.4027, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 198, 140) }
```

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

```
.background{ background-color: rgb(252,  
198, 140) }
```

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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