

Converting Colors

$Y_{xy}(62.0304, 0.4057, 0.3842)$

Have a look what the booklet for
Yxy(62.0304, 0.4057, 0.3842)
contains.

Yxy(62.2432, 0.4051, 0.3842)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.2432, 0.4051, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38E
RGB	255, 195, 142
RGB Percent	100%, 76%, 56%
CMY	0.0001, 0.2352, 0.4432
CMYK	0.00, 0.24, 0.44, 0.00
HSL	28°, 100%, 78%
HSV	28°, 44%, 100%
XYZ	65.6292, 62.2432, 34.1349
YIQ	206.8980, 52.7730, -3.7630

Conversions

Conversions Part 2

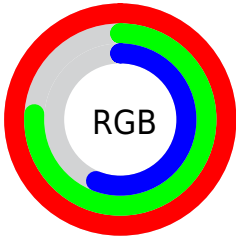
Format	Color
R _{YB}	255, 242, 142
Decimal	16761742
CIE _{Lab}	83.04, 15.03, 34.90
CIE _{LCh}	83, 37.994, 66.706
Y _{xy}	62.2432, 0.4051, 0.3842
Android (android.graphics.Color)	4294951822 (0xFFFFC38E)
YUV	206.8980, -31.9947, 42.1855
Hunter-Lab	78.8944, 10.4221, 29.5733

Details

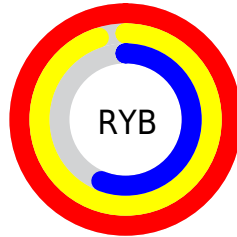
The Yxy color **62.2432, 0.4051, 0.3842** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1747, 0.2418, 0.2652**, and the grayscale version is **62.5118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8663, 0.3484, 0.3843**, and **31.5408, 0.4277, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **55.7750, 0.4328, 0.3955**, and if you desaturate by 10%, it is **69.4419, 0.3797, 0.3717**.

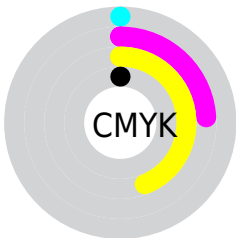
Distribution



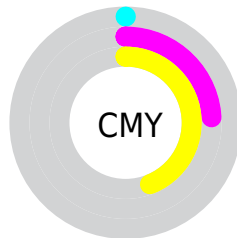
- Red (100%)
- Green (76%)
- Blue (56%)



- Red (100%)
- Yellow (95%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2432, 0.4051, 0.3842 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 62.2432, 0.4051, 0.3842 by changing the saturation by 10% instead.


 62.2432, 0.4051,
0.3842

 62.2432, 0.4051,
0.3842

432.8177, 0.3613,
0.3598

 45.2292, 0.4152,
0.3893


 108.0769, 0.3898,
0.3761

 31.6380, 0.4276,
0.3952


 137.6655, 0.3839,
0.3728

 21.0852, 0.4431,
0.4022

172.2144, 0.3788,
0.3700

 13.1863, 0.4631,
0.4102

212.1080, 0.3743,
0.3674

 7.5569, 0.4890,
0.4187

257.7308, 0.3705,
0.3652

 3.8128, 0.5302,
0.4316

309.4670, 0.3670,

 1.5694, 0.5718,

0.3632

0.4282

367.7012, 0.3640,
0.3614

0.3368, 0.6710,
0.3290

0.0000, 0.0000,
0.0000

62.2432, 0.4051,
0.3842

62.2432, 0.4051,
0.3842

55.7750, 0.4328,
0.3955

69.4419, 0.3797,
0.3717

50.0015, 0.4619,
0.4044

77.3869, 0.3570,
0.3588

44.8972, 0.4910,
0.4095

86.1048, 0.3370,
0.3461

40.4303, 0.5181,
0.4098

95.6180, 0.3195,
0.3340

■ 36.5647, 0.5413,
0.4044

99.9953, 0.3127,
0.3290

■ 34.6141, 0.5527,
0.3993

Harmonies

Analogous

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



62.2432, 0.4061, 0.3474



62.2432, 0.4051, 0.3842



62.2432, 0.3782, 0.4105

Triad

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



62.2432, 0.4051, 0.3842



62.2432, 0.2486, 0.3453



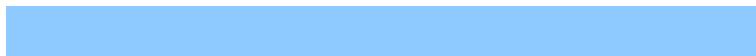
62.2432, 0.2853, 0.2569

Complementary

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



62.2432, 0.4051, 0.3842



55.1747, 0.2418, 0.2652

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.



62.2432, 0.2474, 0.2524



62.2432, 0.4051, 0.3842



62.2432, 0.2276, 0.2990

Square

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



62.2432, 0.4051, 0.3842



62.2432, 0.2873, 0.3903



62.2432, 0.2273, 0.2663



62.2432, 0.3337, 0.2774

Rectangle

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



62.2432, 0.4051, 0.3842



62.2432, 0.3502, 0.4165



62.2432, 0.2273, 0.2663



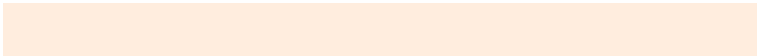
62.2432, 0.2710, 0.2535

Sweetspot

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



62.2462, 0.4051, 0.3842



87.3328, 0.3345, 0.3445



44.8690, 0.3668, 0.2672



18.2614, 0.3386, 0.3472



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.



62.2462, 0.4051, 0.3842



56.6002, 0.4290, 0.3941



92.3322, 0.3803, 0.4352



19.3930, 0.3282, 0.3402



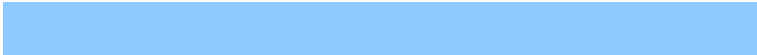
18.3836, 0.5500, 0.4015



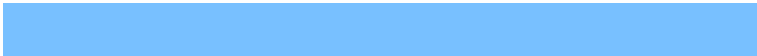
2.0064, 0.5313, 0.4163

Inverse Universe

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



55.1747, 0.2418, 0.2652



48.7075, 0.2285, 0.2499



33.4444, 0.2295, 0.1946



18.9735, 0.2979, 0.3176



13.1720, 0.1799, 0.1677



1.5014, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 62.2432, 0.4051, 0.3842 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 62.2432, 0.4051, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

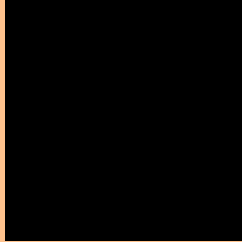
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2432, 0.4051, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 62.2432, 0.4051, 0.3842.



This preview shows how white text looks on a background with the Yxy color 62.2432, 0.4051, 0.3842.

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

62.2432, 0.4051, 0.3842

Protanopia

62.4202, 0.3694, 0.3975

Deuteranopia

62.2677, 0.3986, 0.3896



Tritanopia

62.3512, 0.3572, 0.3167

Trichromacy



Original Color

62.2432, 0.4051, 0.3842

Protanomaly

62.4184, 0.3825, 0.3931

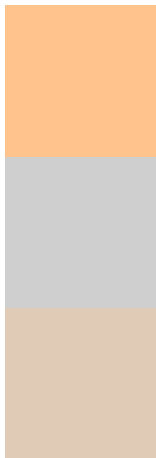
Deuteranomaly

62.3648, 0.4016, 0.3879

Tritanomaly

62.2546, 0.3751, 0.3417

Monochromacy



Original Color

62.2432, 0.4051, 0.3842

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9781, 0.3442, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2432, 0.4051, 0.3842 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(255, 195, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 142)  
}
```

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(255, 195, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 142) }
```

Border

The CSS property to change the border of an element to Yxy 62.2432, 0.4051, 0.3842 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(255, 195, 142) }
```

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

```
.border{ border-color:rgb(255, 195, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2432, 0.4051, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 142) }
```

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

```
.background{ background-color: rgb(255,  
195, 142) }
```

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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