

Converting Colors

$Y_{xy}(62.3179, 0.4196, 0.4049)$

Have a look what the booklet for
Yxy(62.3179, 0.4196, 0.4049)
contains.

Yxy(62.1450, 0.4197, 0.4045)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.1450, 0.4197, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	FFC47A
RGB	255, 196, 122
RGB Percent	100%, 77%, 48%
CMY	0.0002, 0.2313, 0.5216
CMYK	0.00, 0.23, 0.52, 0.00
HSL	33°, 100%, 74%
HSV	33°, 52%, 100%
XYZ	64.4802, 62.1450, 27.0089
YIQ	205.2050, 58.9180, -10.5060

Conversions

Conversions Part 2

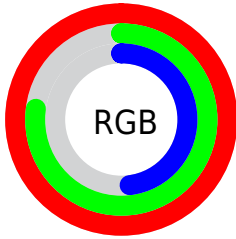
Format	Color
R_{YB}	228, 255, 122
Decimal	16761978
CIE _{Lab}	82.99, 12.66, 45.01
CIE _{LCh}	83, 46.754, 74.295
Yxy	62.1450, 0.4197, 0.4045
Android (android.graphics.Color)	4294952058 (0xFFFFC47A)
YUV	205.2050, -41.0201, 43.6702
Hunter-Lab	78.8321, 8.0468, 34.8690

Details

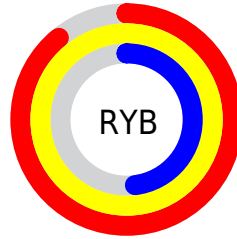
The Yxy color **62.1450, 0.4197, 0.4045** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.3738, 0.2267, 0.2362**, and the grayscale version is **61.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6451, 0.3602, 0.4049**, and **31.4030, 0.4443, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **56.6884, 0.4451, 0.4160**, and if you desaturate by 10%, it is **68.1573, 0.3952, 0.3908**.

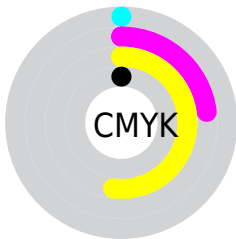
Distribution



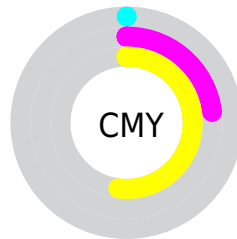
- Red (100%)
- Green (77%)
- Blue (48%)



- Red (89%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1450, 0.4197, 0.4045 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 62.1450, 0.4197, 0.4045 by changing the saturation by 10% instead.


 62.1450, 0.4197,
0.4045


 62.1450, 0.4197,
0.4045


432.4598, 0.3697,
0.3714


 45.1499, 0.4308,
0.4112


 107.9351, 0.4025,
0.3936

 31.5755, 0.4442,
0.4189


 137.4988, 0.3958,
0.3892

 21.0375, 0.4606,
0.4276


 172.0209, 0.3899,
0.3853

 13.1514, 0.4805,
0.4370

211.8856, 0.3848,
0.3819

 7.5329, 0.5048,
0.4460

257.4775, 0.3804,
0.3788

 3.7975, 0.5417,
0.4583

309.1809, 0.3764,

 1.5610, 0.5594,

0.3761

0.4406

367.3802, 0.3729,
0.3736

0.3311, 0.6532,
0.3468

0.0000, 0.0000,
0.0000

62.1450, 0.4197,
0.4045

62.1450, 0.4197,
0.4045

56.6884, 0.4451,
0.4160

68.1573, 0.3952,
0.3908

51.7569, 0.4701,
0.4240

74.7364, 0.3722,
0.3760

47.3296, 0.4934,
0.4273

81.9038, 0.3513,
0.3608

43.3788, 0.5134,
0.4251

89.6771, 0.3326,
0.3460

40.5829, 0.5267,
0.4200

98.0730, 0.3160,
0.3319

99.9912, 0.3127,
0.3290

Harmonies

Analogous

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



62.1450, 0.4307, 0.3613



62.1450, 0.4197, 0.4045



62.1450, 0.3795, 0.4335

Triad

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



62.1450, 0.4197, 0.4045



62.1450, 0.2260, 0.3329



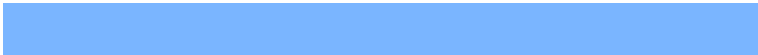
62.1450, 0.2929, 0.2470

Complementary

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



62.1450, 0.4197, 0.4045



44.3738, 0.2267, 0.2362

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.



62.1450, 0.2431, 0.2361



62.1450, 0.4197, 0.4045



62.1450, 0.2075, 0.2790

Square

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



62.1450, 0.4197, 0.4045



62.1450, 0.2674, 0.3930



62.1450, 0.2136, 0.2460



62.1450, 0.3534, 0.2752

Rectangle

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



62.1450, 0.4197, 0.4045



62.1450, 0.3429, 0.4368



62.1450, 0.2136, 0.2460



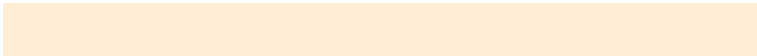
62.1450, 0.2744, 0.2412

Sweetspot

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



62.1480, 0.4197, 0.4045



86.6452, 0.3396, 0.3517



38.5411, 0.3937, 0.2681



18.2027, 0.3434, 0.3547



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.



62.1480, 0.4197, 0.4045



56.2707, 0.4472, 0.4168



92.9081, 0.3842, 0.4572



19.6646, 0.3280, 0.3422



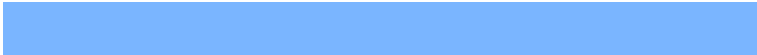
21.5167, 0.5244, 0.4218



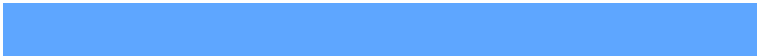
2.3130, 0.5091, 0.4339

Inverse Universe

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



44.3738, 0.2267, 0.2362



36.7288, 0.2099, 0.2126



25.7762, 0.2158, 0.1636



18.7029, 0.2979, 0.3154



10.2329, 0.1719, 0.1390



1.2100, 0.1780, 0.1608

Previews

White Background



This preview shows how the Yxy color 62.1450, 0.4197, 0.4045 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 62.1450, 0.4197, 0.4045 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 62.1450, 0.4197, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 62.1450, 0.4197, 0.4045.



This preview shows how white text looks on a background with the Yxy color 62.1450, 0.4197, 0.4045.

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

62.1450, 0.4197, 0.4045

Protanopia

62.3008, 0.3869, 0.4196

Deuteranopia

62.4888, 0.4161, 0.4072



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

62.1450, 0.4197, 0.4045

Protanomaly

62.1971, 0.3988, 0.4135

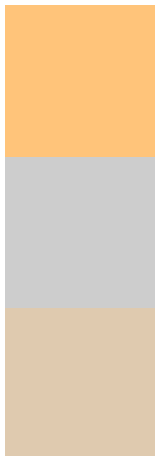
Deuteranomaly

62.2203, 0.4175, 0.4060

Tritanomaly

61.9764, 0.3809, 0.3491

Monochromacy



Original Color

62.1450, 0.4197, 0.4045

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0242, 0.3497, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1450, 0.4197, 0.4045 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, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 122)  
}
```

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, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 122) }
```

Border

The CSS property to change the border of an element to Yxy 62.1450, 0.4197, 0.4045 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, 196, 122) }
```

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

```
.border{ border-color:rgb(255, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1450, 0.4197, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 122) }
```

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

```
.background{ background-color: rgb(255,  
196, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor