

Converting Colors

$Yxy(62.7298, 0.4187, 0.4053)$

Have a look what the booklet for
Yxy(62.7298, 0.4187, 0.4053)
contains.

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Color

Yxy(62.5976, 0.4192, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	FFC57A
RGB	255, 197, 122
RGB Percent	100%, 77%, 48%
CMY	0.0000, 0.2275, 0.5216
CMYK	0.00, 0.23, 0.52, 0.00
HSL	34°, 100%, 74%
HSV	34°, 52%, 100%
XYZ	64.7285, 62.5976, 27.0834
YIQ	205.7920, 58.6430, -11.0290

Conversions

Conversions Part 2

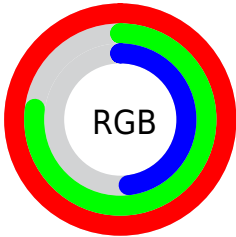
Format	Color
R_{YB}	225, 255, 122
Decimal	16762234
CIE Lab	83.23, 12.19, 45.31
CIE LCh	83, 46.917, 74.946
Yxy	62.5976, 0.4192, 0.4054
Android (android.graphics.Color)	4294952314 (0xFFFFC57A)
YUV	205.7920, -41.3095, 43.1554
Hunter-Lab	79.1186, 7.5766, 35.0873

Details

The Yxy color **62.5976, 0.4192, 0.4054** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.0044, 0.2264, 0.2350**, and the grayscale version is **61.8188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2782, 0.3599, 0.4058**, and **31.7020, 0.4433, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **57.1770, 0.4443, 0.4171**, and if you desaturate by 10%, it is **68.5499, 0.3948, 0.3915**.

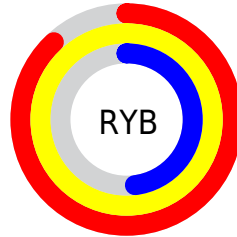
Distribution



Red (100%)

Green (77%)

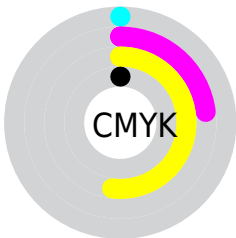
Blue (48%)



Red (88%)

Yellow (100%)

Blue (48%)

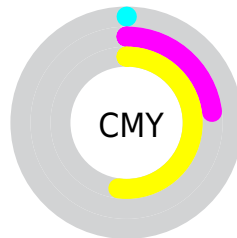


Cyan (0%)

Magenta (23%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5976, 0.4192, 0.4054 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 62.5976, 0.4192, 0.4054 by changing the saturation by 10% instead.


 62.5976, 0.4192,
0.4054


 62.5976, 0.4192,
0.4054


434.1076, 0.3695,
0.3719


 45.5157, 0.4302,
0.4122


 108.5888, 0.4021,
0.3944

 31.8639, 0.4435,
0.4200


 138.2669, 0.3954,
0.3899

 21.2575, 0.4596,
0.4289


 172.9125, 0.3897,
0.3860

 13.3124, 0.4793,
0.4385

212.9101, 0.3846,
0.3825

 7.6440, 0.5032,
0.4477

258.6440, 0.3801,
0.3794

 3.8680, 0.5394,
0.4606

310.4986, 0.3762,

 1.6000, 0.5563,

0.3766

0.4437

368.8584, 0.3727,
0.3741

0.3576, 0.6406,
0.3594

0.0000, 0.0000,
0.0000

62.5976, 0.4192,
0.4054

62.5976, 0.4192,
0.4054

57.1770, 0.4443,
0.4171

68.5499, 0.3948,
0.3915

52.2770, 0.4690,
0.4252

75.0636, 0.3721,
0.3765

47.8707, 0.4919,
0.4286

82.1537, 0.3513,
0.3612

43.9311, 0.5116,
0.4266

89.8372, 0.3326,
0.3463

41.1400, 0.5246,
0.4217

98.1306, 0.3160,
0.3320

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



62.5976, 0.4309, 0.3623



62.5976, 0.4192, 0.4054



62.5976, 0.3784, 0.4339

Triad

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



62.5976, 0.4192, 0.4054



62.5976, 0.2252, 0.3316



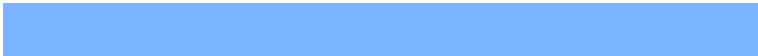
62.5976, 0.2941, 0.2474

Complementary

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



62.5976, 0.4192, 0.4054



44.0044, 0.2264, 0.2350

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.



62.5976, 0.2439, 0.2360



62.5976, 0.4192, 0.4054



62.5976, 0.2073, 0.2779

Square

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



62.5976, 0.4192, 0.4054



62.5976, 0.2662, 0.3919



62.5976, 0.2139, 0.2454



62.5976, 0.3547, 0.2759

Rectangle

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



62.5976, 0.4192, 0.4054



62.5976, 0.3417, 0.4368



62.5976, 0.2139, 0.2454



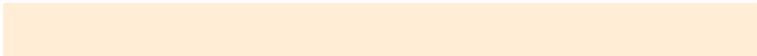
62.5976, 0.2755, 0.2415

Sweetspot

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



62.5942, 0.4192, 0.4054



86.8123, 0.3395, 0.3520



38.5509, 0.3938, 0.2681



18.2425, 0.3434, 0.3550



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.



62.5942, 0.4192, 0.4054



56.7437, 0.4464, 0.4179



92.9457, 0.3842, 0.4572



19.6867, 0.3280, 0.3424



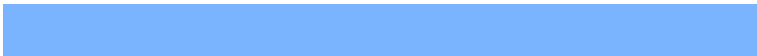
21.7992, 0.5224, 0.4234



2.3401, 0.5074, 0.4353

Inverse Universe

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



44.0044, 0.2264, 0.2350



36.3192, 0.2095, 0.2110



25.7796, 0.2158, 0.1636



18.6812, 0.2979, 0.3152



10.0228, 0.1713, 0.1368



1.1886, 0.1774, 0.1587

Previews

White Background



This preview shows how the Yxy color 62.5976, 0.4192, 0.4054 looks on a white background.

Color Contrast Check

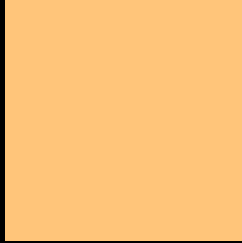
Large Text (above 18pt) WCAG AA × Fail

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 62.5976, 0.4192, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

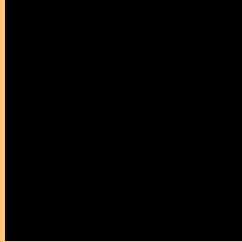
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5976, 0.4192, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 62.5976, 0.4192, 0.4054.



This preview shows how white text looks on a background with the Yxy color 62.5976, 0.4192, 0.4054.

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

62.5976, 0.4192, 0.4054

Protanopia

62.9490, 0.3872, 0.4203

Deuteranopia

62.4888, 0.4161, 0.4072



Tritanopia

62.3987, 0.3563, 0.3157

Trichromacy



Original Color

62.5976, 0.4192, 0.4054

Protanomaly

62.6709, 0.3982, 0.4144

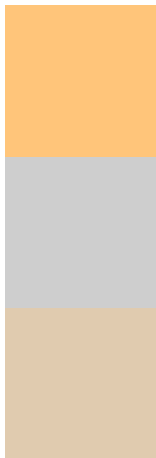
Deuteranomaly

62.6760, 0.4169, 0.4069

Tritanomaly

62.4559, 0.3798, 0.3491

Monochromacy



Original Color

62.5976, 0.4192, 0.4054

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6543, 0.3503, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5976, 0.4192, 0.4054 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, 197, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 122) }
```

Border

The CSS property to change the border of an element to Yxy 62.5976, 0.4192, 0.4054 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, 197, 122) }
```

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

```
.border{ border-color:rgb(255, 197, 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, 197, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5976, 0.4192, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 122) }
```

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

```
.background{ background-color: rgb(255,  
197, 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](#).

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