

Converting Colors

$Yxy(51.0603, 0.4547, 0.4031)$

Have a look what the booklet for
Yxy(51.0603, 0.4547, 0.4031)
contains.

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Color

Yxy(51.0597, 0.4543, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	FEAB61
RGB	254, 171, 97
RGB Percent	100%, 67%, 38%
CMY	0.0038, 0.3294, 0.6196
CMYK	0.00, 0.33, 0.62, 0.00
HSL	28°, 99%, 69%
HSV	28°, 62%, 100%
XYZ	57.6022, 51.0597, 18.1315
YIQ	187.3810, 73.2220, -5.4180

Conversions

Conversions Part 2

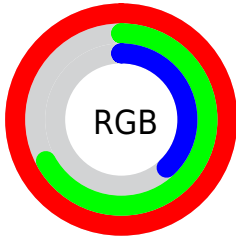
Format	Color
RYB	254, 237, 97
Decimal	16690017
CIELab	76.72, 23.49, 49.82
CIELCh	77, 55.082, 64.755
Yxy	51.0597, 0.4543, 0.4027
Android (android.graphics.Color)	4294880097 (0xFFFEAB61)
YUV	187.3810, -44.5578, 58.4249
Hunter-Lab	71.4561, 18.8445, 34.9748

Details

The Yxy color **51.0597, 0.4543, 0.4027** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.3630, 0.2158, 0.2335**, and the grayscale version is **50.1485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4002, 0.3851, 0.4069**, and **24.4996, 0.4882, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **45.8421, 0.4835, 0.4090**, and if you desaturate by 10%, it is **56.9500, 0.4255, 0.3931**.

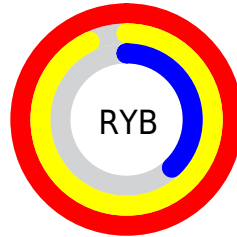
Distribution



Red (100%)

Green (67%)

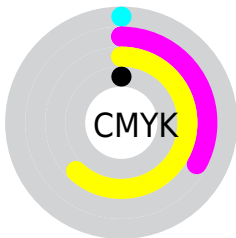
Blue (38%)



Red (100%)

Yellow (93%)

Blue (38%)

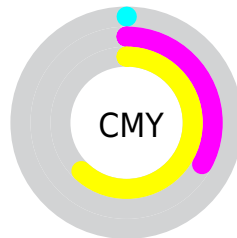


Cyan (0%)

Magenta (33%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0597, 0.4543, 0.4027 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 51.0597, 0.4543, 0.4027 by changing the saturation by 10% instead.


 51.0597, 0.4543,
0.4027


 51.0597, 0.4543,
0.4027


390.7957, 0.3862,
0.3721

 36.2561, 0.4696,
0.4080


 91.7430, 0.4307,
0.3933

 24.6321, 0.4881,
0.4134


 118.3915, 0.4214,
0.3892

 15.8031, 0.5104,
0.4182


 149.7572, 0.4135,
0.3856

 9.3850, 0.5371,
0.4207

 186.2243, 0.4066,
0.3823

 4.9931, 0.5768,
0.4232

228.1773, 0.4005,
0.3793

 2.2432, 0.6014,
0.3986

276.0006, 0.3952,

 0.7434, 0.6467,

0.3767

0.3533

330.0786, 0.3905,
0.3743

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0597, 0.4543,
0.4027

51.0597, 0.4543,
0.4027

45.8421, 0.4835,
0.4090

56.9500, 0.4255,
0.3931

41.2590, 0.5112,
0.4106


63.5330, 0.3984,
0.3813

37.2788, 0.5355,
0.4066

70.8371, 0.3737,
0.3686

34.4339, 0.5522,
0.3998

78.8864, 0.3517,
0.3557

 87.7039, 0.3323,
0.3430

 97.3112, 0.3155,
0.3311

99.8164, 0.3121,
0.3290

Harmonies

Analogous

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



51.0597, 0.4559, 0.3477



51.0597, 0.4543, 0.4027



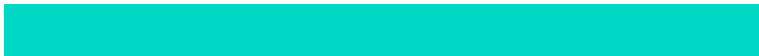
51.0597, 0.4124, 0.4491

Triad

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



51.0597, 0.4543, 0.4027



51.0597, 0.2183, 0.3578



51.0597, 0.2654, 0.2226

Complementary

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



51.0597, 0.4543, 0.4027



42.3630, 0.2158, 0.2335

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.



51.0597, 0.2127, 0.2163



51.0597, 0.4543, 0.4027



51.0597, 0.1879, 0.2835

Square

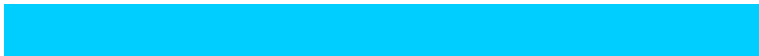
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.0597, 0.4543, 0.4027



51.0597, 0.2756, 0.4323



51.0597, 0.1865, 0.2353



51.0597, 0.3385, 0.2503

Rectangle

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



51.0597, 0.4543, 0.4027



51.0597, 0.3701, 0.4655



51.0597, 0.1865, 0.2353



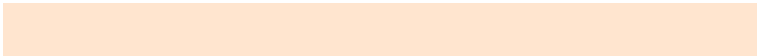
51.0597, 0.2451, 0.2179

Sweetspot

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



51.0623, 0.4543, 0.4027



81.9906, 0.3460, 0.3521



32.9544, 0.4004, 0.2467



17.0221, 0.3518, 0.3557



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.



51.0623, 0.4543, 0.4027



45.1682, 0.4898, 0.4098



89.5649, 0.4024, 0.4690



19.3984, 0.3282, 0.3402



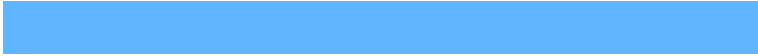
18.4393, 0.5495, 0.4019



2.0120, 0.5309, 0.4167

Inverse Universe

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



42.3630, 0.2158, 0.2335



35.6954, 0.2006, 0.2108



19.2511, 0.1931, 0.1347



18.9681, 0.2979, 0.3175



13.1077, 0.1798, 0.1671



1.4951, 0.1853, 0.1869

Previews

White Background



This preview shows how the Yxy color 51.0597, 0.4543, 0.4027 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 51.0597, 0.4543, 0.4027 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 51.0597, 0.4543, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 51.0597, 0.4543, 0.4027.



This preview shows how white text looks on a background with the Yxy color 51.0597, 0.4543, 0.4027.

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

51.0597, 0.4543, 0.4027

Protanopia

51.3615, 0.3970, 0.4324

Deuteranopia

51.1976, 0.4301, 0.4219



Tritanopia

50.9061, 0.3884, 0.3176

Trichromacy



Original Color

51.0597, 0.4543, 0.4027

Protanomaly

50.8141, 0.4173, 0.4213

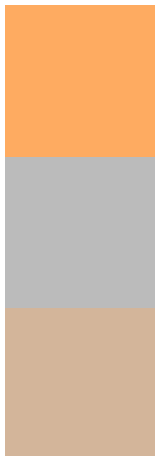
Deuteranomaly

50.9896, 0.4394, 0.4140

Tritanomaly

51.0040, 0.4143, 0.3503

Monochromacy



Original Color

51.0597, 0.4543, 0.4027

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2297, 0.3621, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0597, 0.4543, 0.4027 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(254, 171, 97)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 97)  
}
```

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(254, 171, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 97) }
```

Border

The CSS property to change the border of an element to Yxy 51.0597, 0.4543, 0.4027 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(254, 171, 97) }
```

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

```
.border{ border-color:rgb(254, 171, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 97);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0597, 0.4543, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 97) }
```

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

```
.background{ background-color: rgb(254,  
171, 97) }
```

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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