

Converting Colors

Yxy(57.4583, 0.4337, 0.4229)

Have a look what the booklet for
Yxy(57.4583, 0.4337, 0.4229)
contains.

Yxy(57.4829, 0.4336, 0.4227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4829, 0.4336, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	F7BE62
RGB	247, 190, 98
RGB Percent	97%, 75%, 38%
CMY	0.0315, 0.2548, 0.6157
CMYK	0.00, 0.23, 0.60, 0.03
HSL	37°, 90%, 68%
HSV	37°, 60%, 97%
XYZ	58.9652, 57.4829, 19.5417
YIQ	196.5550, 63.5040, -16.5280

Conversions

Conversions Part 2

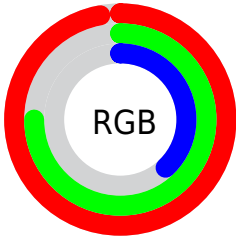
Format	Color
R _Y B	190, 247, 98
Decimal	16236130
CIE Lab	80.45, 10.70, 53.48
CIE LCh	80, 54.540, 78.683
Yxy	57.4829, 0.4336, 0.4227
Android (android.graphics.Color)	4294426210 (0xFF7BE62)
YUV	196.5550, -48.5876, 44.2403
Hunter-Lab	75.8175, 6.1434, 37.7904

Details

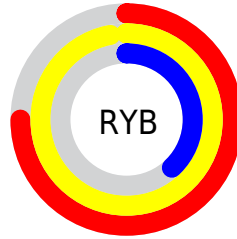
The Yxy color **57.4829, 0.4336, 0.4227** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.7303, 0.2112, 0.2061**, and the grayscale version is **55.8223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4059, 0.3772, 0.4227**, and **28.6534, 0.4596, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **53.1308, 0.4560, 0.4327**, and if you desaturate by 10%, it is **62.2494, 0.4106, 0.4094**.

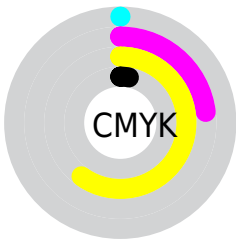
Distribution



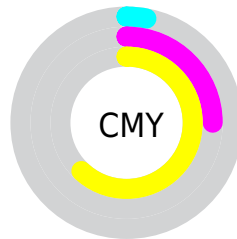
- Red (97%)
- Green (75%)
- Blue (38%)



- Red (75%)
- Yellow (97%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4829, 0.4336, 0.4227 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 57.4829, 0.4336, 0.4227 by changing the saturation by 10% instead.

 57.4829, 0.4336,
0.4227


 57.4829, 0.4336,
0.4227

415.2563, 0.3775,
0.3817


 41.3931, 0.4457,
0.4307

 101.1695, 0.4146,
0.4094

 28.6264, 0.4599,
0.4396


 129.5350, 0.4070,
0.4039

 18.7983, 0.4766,
0.4492


 162.7612, 0.4004,
0.3991

 11.5247, 0.4959,
0.4585

 201.2325, 0.3947,
0.3948

 6.4209, 0.5263,
0.4737

245.3332, 0.3896,
0.3910

 3.1027, 0.5367,
0.4633

295.4479, 0.3851,

 1.1856, 0.5544,

0.3876

0.4456

351.9608, 0.3811,
0.3845

0.0499, 0.8609,
0.1391

0.0000, 0.0000,
0.0000

57.4829, 0.4336,
0.4227

57.4829, 0.4336,
0.4227

53.1308, 0.4560,
0.4327

62.2494, 0.4106,
0.4094

49.1658, 0.4767,
0.4383


67.4385, 0.3881,
0.3941

45.5695, 0.4945,
0.4386

73.0687, 0.3668,
0.3777

42.4076, 0.5086,
0.4343

79.1542, 0.3471,
0.3611

 85.7086, 0.3292,
0.3449

 92.7446, 0.3132,
0.3295

 98.5068, 0.3078,
0.3290

Harmonies

Analogous

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



57.4829, 0.4541, 0.3724



57.4829, 0.4336, 0.4227



57.4829, 0.3812, 0.4562

Triad

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



57.4829, 0.4336, 0.4227



57.4829, 0.2054, 0.3218



57.4829, 0.2986, 0.2369

Complementary

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



57.4829, 0.4336, 0.4227



32.7303, 0.2112, 0.2061

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.



57.4829, 0.2375, 0.2209



57.4829, 0.4336, 0.4227



57.4829, 0.1890, 0.2609

Square

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



57.4829, 0.4336, 0.4227



57.4829, 0.2495, 0.3967



57.4829, 0.2001, 0.2277



57.4829, 0.3714, 0.2718

Rectangle

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



57.4829, 0.4336, 0.4227



57.4829, 0.3367, 0.4579



57.4829, 0.2001, 0.2277



57.4829, 0.2760, 0.2293

Sweetspot

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



57.4857, 0.4336, 0.4227



86.7012, 0.3428, 0.3574



30.8718, 0.4268, 0.2709



18.1311, 0.3483, 0.3621



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.



57.4857, 0.4336, 0.4227



56.3446, 0.4599, 0.4341



84.1322, 0.3854, 0.4772



18.1875, 0.3278, 0.3436



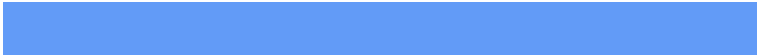
22.7193, 0.5068, 0.4358



2.1950, 0.4929, 0.4469

Inverse Universe

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



32.7303, 0.2112, 0.2061



27.7947, 0.1936, 0.1776



19.1184, 0.2055, 0.1390



16.9650, 0.2980, 0.3140



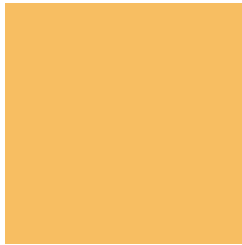
8.0772, 0.1670, 0.1210



0.9020, 0.1739, 0.1458

Previews

White Background



This preview shows how the Yxy color 57.4829, 0.4336, 0.4227 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 57.4829, 0.4336, 0.4227 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 57.4829, 0.4336, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 57.4829, 0.4336, 0.4227.



This preview shows how white text looks on a background with the Yxy color 57.4829, 0.4336, 0.4227.

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

57.4829, 0.4336, 0.4227

Protanopia

57.6203, 0.4029, 0.4395

Deuteranopia

57.3016, 0.4328, 0.4230



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.4829, 0.4336, 0.4227

Protanomaly

57.2229, 0.4138, 0.4331

Deuteranomaly

57.3016, 0.4328, 0.4230

Tritanomaly

56.8448, 0.3937, 0.3559

Monochromacy



Original Color

57.4829, 0.4336, 0.4227

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6039, 0.3560, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4829, 0.4336, 0.4227 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(247, 190, 98)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 98)  
}
```

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(247, 190, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 98) }
```

Border

The CSS property to change the border of an element to Yxy 57.4829, 0.4336, 0.4227 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(247, 190, 98) }
```

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

```
.border{ border-color:rgb(247, 190, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 98);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4829, 0.4336, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 98) }
```

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

```
.background{ background-color: rgb(247,  
190, 98) }
```

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