

Converting Colors

$Yxy(63.2562, 0.4282, 0.4232)$

Have a look what the booklet for
Yxy(63.2562, 0.4282, 0.4232)
contains.

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Color

Yxy(63.3993, 0.4280, 0.4235)

Conversions

Conversions Part 1

Format	Color
Hex	FEC869
RGB	254, 200, 105
RGB Percent	100%, 78%, 41%
CMY	0.0040, 0.2156, 0.5881
CMYK	0.00, 0.21, 0.59, 0.00
HSL	38°, 99%, 70%
HSV	38°, 59%, 100%
XYZ	64.0730, 63.3993, 22.2309
YIQ	205.3160, 62.6790, -18.0970

Conversions

Conversions Part 2

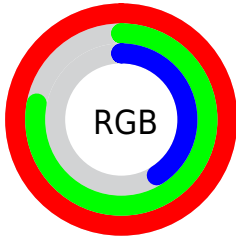
Format	Color
R_{YB}	190, 254, 105
Decimal	16697449
CIE _{Lab}	83.65, 8.88, 54.05
CIE _{LCh}	84, 54.770, 80.672
Yxy	63.3993, 0.4280, 0.4235
Android (android.graphics.Color)	4294887529 (0xFFFE _{C869})
YUV	205.3160, -49.4558, 42.6959
Hunter-Lab	79.6237, 4.2970, 39.1828

Details

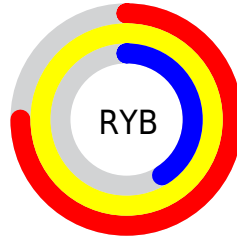
The Yxy color **63.3993, 0.4280, 0.4235** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.9530, 0.2129, 0.2060**, and the grayscale version is **61.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **32.2841, 0.4525, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **58.8203, 0.4498, 0.4345**, and if you desaturate by 10%, it is **68.3969, 0.4057, 0.4094**.

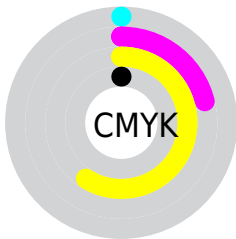
Distribution



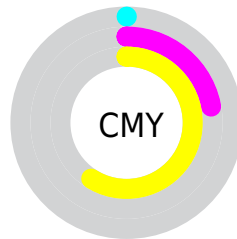
- Red (100%)
- Green (78%)
- Blue (41%)



- Red (75%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3993, 0.4280, 0.4235 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 63.3993, 0.4280, 0.4235 by changing the saturation by 10% instead.


 63.3993, 0.4280,
0.4235


 63.3993, 0.4280,
0.4235


437.0172, 0.3754,
0.3824


 46.1643, 0.4391,
0.4316


 109.7454, 0.4103,
0.4102


 32.3755, 0.4522,
0.4407


 139.6253, 0.4033,
0.4047

 21.6485, 0.4676,
0.4508


 174.4889, 0.3971,
0.3998

 13.5988, 0.4852,
0.4611

 214.7207, 0.3917,
0.3955

 7.8422, 0.5091,
0.4741

260.7050, 0.3869,
0.3917

 3.9941, 0.5253,
0.4747

312.8263, 0.3827,

 1.6703, 0.5376,

0.3883

0.4624

371.4689, 0.3789,
0.3852

■ 0.4043, 0.5978,
0.4022

■ 0.0000, 0.0000,
0.0000

■ 63.3993, 0.4280,
0.4235

■ 63.3993, 0.4280,
0.4235

■ 58.8203, 0.4498,
0.4345

■ 68.3969, 0.4057,
0.4094

■ 54.6319, 0.4699,
0.4412


■ 73.8208, 0.3838,
0.3933


■ 50.8156, 0.4873,
0.4429

■ 79.6898, 0.3631,
0.3764

■ 47.3423, 0.5013,
0.4394

■ 86.0181, 0.3439,
0.3593

 46.8945, 0.5031,
0.4387

 92.8196, 0.3264,
0.3427

99.8072, 0.3121,
0.3290

Harmonies

Analogous

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



63.3993, 0.4502, 0.3751



63.3993, 0.4280, 0.4235



63.3993, 0.3756, 0.4537

Triad

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



63.3993, 0.4280, 0.4235



63.3993, 0.2062, 0.3176



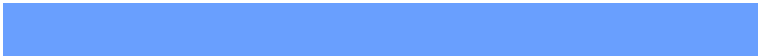
63.3993, 0.3036, 0.2409

Complementary

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



63.3993, 0.4280, 0.4235



34.9530, 0.2129, 0.2060

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.



63.3993, 0.2428, 0.2239



63.3993, 0.4280, 0.4235



63.3993, 0.1919, 0.2599

Square

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



63.3993, 0.4280, 0.4235



63.3993, 0.2477, 0.3901



63.3993, 0.2045, 0.2290



63.3993, 0.3744, 0.2760

Rectangle

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



63.3993, 0.4280, 0.4235



63.3993, 0.3319, 0.4530



63.3993, 0.2045, 0.2290



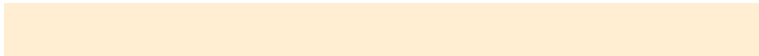
63.3993, 0.2813, 0.2330

Sweetspot

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



63.4024, 0.4280, 0.4235



87.2333, 0.3427, 0.3582



33.7010, 0.4254, 0.2745



18.2613, 0.3481, 0.3632



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.



63.4024, 0.4280, 0.4235



58.7582, 0.4527, 0.4357



89.4046, 0.3824, 0.4751



19.9189, 0.3278, 0.3441



25.0178, 0.5014, 0.4401



2.6436, 0.4895, 0.4495

Inverse Universe

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



34.9530, 0.2129, 0.2060



27.8774, 0.1952, 0.1777



21.6142, 0.2102, 0.1448



18.4550, 0.2979, 0.3134



8.0647, 0.1653, 0.1152



0.9840, 0.1716, 0.1376

Previews

White Background



This preview shows how the Yxy color 63.3993, 0.4280, 0.4235 looks on a white background.

Color Contrast Check

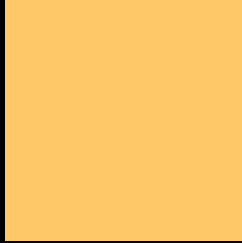
Large Text (above 18pt) WCAG AA × Fail

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 63.3993, 0.4280, 0.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

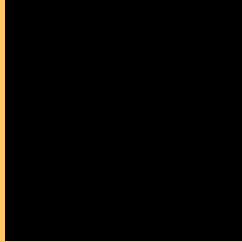
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3993, 0.4280, 0.4235

Background



This preview shows how black text looks on a background with the Yxy color 63.3993, 0.4280, 0.4235.



This preview shows how white text looks on a background with the Yxy color 63.3993, 0.4280, 0.4235.

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

63.3993, 0.4280, 0.4235

Protanopia

63.5066, 0.4009, 0.4379

Deuteranopia

63.2767, 0.4249, 0.4163



Tritanopia

63.3189, 0.3551, 0.3167

Trichromacy



Original Color

63.3993, 0.4280, 0.4235

Protanomaly

63.5549, 0.4107, 0.4327

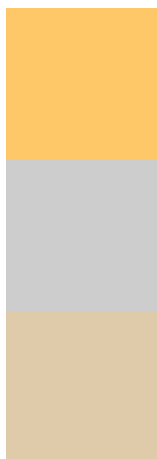
Deuteranomaly

63.2110, 0.4269, 0.4189

Tritanomaly

63.1174, 0.3841, 0.3574

Monochromacy



Original Color

63.3993, 0.4280, 0.4235

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2644, 0.3541, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3993, 0.4280, 0.4235 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, 200, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 105)  
}
```

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, 200, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 105) }
```

Border

The CSS property to change the border of an element to Yxy 63.3993, 0.4280, 0.4235 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, 200, 105) }
```

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

```
.border{ border-color:rgb(254, 200, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 200, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 105);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3993, 0.4280, 0.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 105) }
```

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

```
.background{ background-color: rgb(254,  
200, 105) }
```

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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