

Converting Colors

$Yxy(62.0254, 0.4003, 0.4019)$

Have a look what the booklet for
Yxy(62.0254, 0.4003, 0.4019)
contains.

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Color

Yxy(62.0292, 0.4002, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	F3C884
RGB	243, 200, 132
RGB Percent	95%, 78%, 52%
CMY	0.0473, 0.2156, 0.4824
CMYK	0.00, 0.18, 0.46, 0.05
HSL	37°, 82%, 74%
HSV	37°, 46%, 95%
XYZ	61.7668, 62.0292, 30.5439
YIQ	205.1050, 47.4560, -12.0320

Conversions

Conversions Part 2

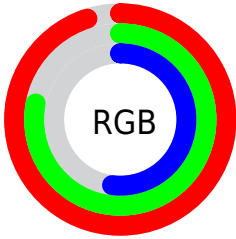
Format	Color
RYB	202, 243, 132
Decimal	15976580
CIELab	82.93, 6.67, 39.64
CIElCh	83, 40.201, 80.450
Yxy	62.0292, 0.4002, 0.4019
Android (android.graphics.Color)	4294166660 (0xFFFF3C884)
YUV	205.1050, -36.0408, 33.2339
Hunter-Lab	78.7586, 2.1619, 32.1374

Details

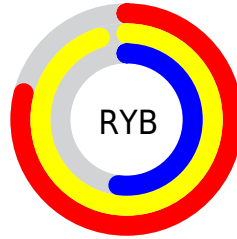
The Yxy color **62.0292, 0.4002, 0.4019** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9978, 0.2360, 0.2418**, and the grayscale version is **61.3304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **31.4661, 0.4213, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **57.2219, 0.4232, 0.4162**, and if you desaturate by 10%, it is **67.2648, 0.3781, 0.3861**.

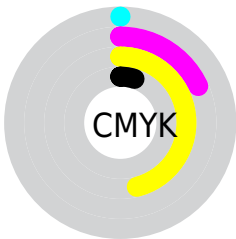
Distribution



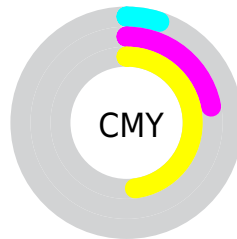
- Red (95%)
- Green (78%)
- Blue (52%)



- Red (79%)
- Yellow (95%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0292, 0.4002, 0.4019 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 62.0292, 0.4002, 0.4019 by changing the saturation by 10% instead.


 62.0292, 0.4002,
0.4019


 62.0292, 0.4002,
0.4019


432.0376, 0.3592,
0.3688


 45.0563, 0.4094,
0.4090


 107.7677, 0.3860,
0.3907

 31.5018, 0.4207,
0.4175


 137.3021, 0.3805,
0.3862

 20.9812, 0.4345,
0.4277


 171.7925, 0.3757,
0.3824

 13.1103, 0.4517,
0.4397

211.6233, 0.3715,
0.3790

 7.5045, 0.4731,
0.4534

257.1787, 0.3679,
0.3760

 3.7796, 0.5165,
0.4835

308.8433, 0.3646,

 1.5510, 0.5264,

0.3733

0.4736

367.0015, 0.3618,
0.3709

0.3243, 0.5923,
0.4077

0.0000, 0.0000,
0.0000

62.0292, 0.4002,
0.4019

62.0292, 0.4002,
0.4019

57.2219, 0.4232,
0.4162

67.2648, 0.3781,
0.3861

52.8184, 0.4462,
0.4278

72.9345, 0.3574,
0.3696

48.8044, 0.4681,
0.4355

79.0546, 0.3386,
0.3533

45.1606, 0.4876,
0.4383

85.6381, 0.3215,
0.3376

■ 41.8639, 0.5037,
0.4357

■ 92.6970, 0.3064,
0.3227

■ 40.5309, 0.5099,
0.4334

■ 97.7849, 0.3053,
0.3290

Harmonies

Analogous

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



62.0292, 0.4149, 0.3665



62.0292, 0.4002, 0.4019



62.0292, 0.3620, 0.4211

Triad

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



62.0292, 0.4002, 0.4019



62.0292, 0.2323, 0.3225



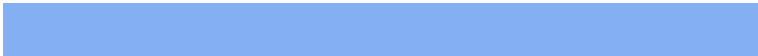
62.0292, 0.3064, 0.2611

Complementary

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



62.0292, 0.4002, 0.4019



41.9978, 0.2360, 0.2418

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.



62.0292, 0.2600, 0.2482



62.0292, 0.4002, 0.4019



62.0292, 0.2201, 0.2788

Square

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



62.0292, 0.4002, 0.4019



62.0292, 0.2651, 0.3738



62.0292, 0.2298, 0.2535



62.0292, 0.3584, 0.2888

Rectangle

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



62.0292, 0.4002, 0.4019



62.0292, 0.3293, 0.4187



62.0292, 0.2298, 0.2535



62.0292, 0.2896, 0.2550

Sweetspot

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



62.0321, 0.4002, 0.4019



89.4140, 0.3356, 0.3507



38.6950, 0.3854, 0.2810



18.8087, 0.3395, 0.3542



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.



62.0321, 0.4002, 0.4019



64.1489, 0.4220, 0.4155



82.8649, 0.3724, 0.4444



18.1743, 0.3278, 0.3435



22.5254, 0.5080, 0.4348



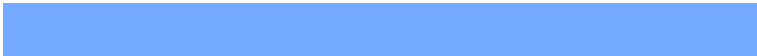
2.1787, 0.4939, 0.4460

Inverse Universe

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



41.9978, 0.2360, 0.2418



39.2239, 0.2199, 0.2196



28.8159, 0.2337, 0.1883



16.9778, 0.2980, 0.3141



8.1869, 0.1673, 0.1224



0.9126, 0.1742, 0.1471

Previews

White Background



This preview shows how the Yxy color 62.0292, 0.4002, 0.4019 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 62.0292, 0.4002, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

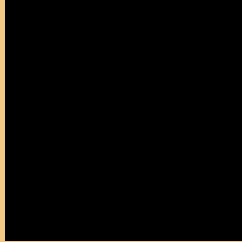
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0292, 0.4002, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 62.0292, 0.4002, 0.4019.



This preview shows how white text looks on a background with the Yxy color 62.0292, 0.4002, 0.4019.

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

62.0292, 0.4002, 0.4019

Protanopia

62.3825, 0.3798, 0.4103

Deuteranopia

62.2214, 0.4055, 0.3974



Tritanopia

62.0418, 0.3495, 0.3134

Trichromacy



Original Color

62.0292, 0.4002, 0.4019

Protanomaly

62.0628, 0.3876, 0.4066

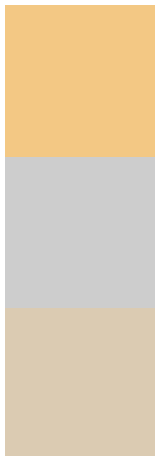
Deuteranomaly

62.3145, 0.4034, 0.3989

Tritanomaly

61.6124, 0.3686, 0.3452

Monochromacy



Original Color

62.0292, 0.4002, 0.4019

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9863, 0.3439, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0292, 0.4002, 0.4019 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(243, 200, 132)` looks like.

```
.text, #text, p{  
    color:rgb(243, 200, 132)  
}
```

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(243, 200, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 200, 132) }
```

Border

The CSS property to change the border of an element to Yxy 62.0292, 0.4002, 0.4019 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(243, 200, 132) }
```

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

```
.border{ border-color:rgb(243, 200, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 200, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 200, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 200, 132);  
box-shadow:4px 4px 4px 4px rgb(243, 200,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0292, 0.4002, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 200, 132) }
```

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

```
.background{ background-color: rgb(243,  
200, 132) }
```

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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