

Converting Colors

$Yxy(66.8018, 0.3787, 0.3869)$

Have a look what the booklet for
Yxy(66.8018, 0.3787, 0.3869)
contains.

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Color

Yxy(66.8447, 0.3784, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	F2D19B
RGB	242, 209, 155
RGB Percent	95%, 82%, 61%
CMY	0.0511, 0.1803, 0.3922
CMYK	0.00, 0.14, 0.36, 0.05
HSL	37°, 77%, 78%
HSV	37°, 36%, 95%
XYZ	65.3255, 66.8447, 40.4659
YIQ	212.7110, 37.0020, -9.7980

Conversions

Conversions Part 2

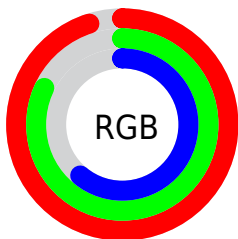
Format	Color
R _Y B	208, 242, 155
Decimal	15913371
CIE Lab	85.43, 4.07, 31.08
CIE LCh	85, 31.343, 82.536
Yxy	66.8447, 0.3784, 0.3872
Android (android.graphics.Color)	4294103451 (0xFFFF2D19B)
YUV	212.7110, -28.4515, 25.6865
Hunter-Lab	81.7586, -0.4552, 27.8858

Details

The Yxy color $66.8447, 0.3784, 0.3872$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $49.3176, 0.2529, 0.2626$, and the grayscale version is $66.5108, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $34.7362, 0.3944, 0.4009$ is the 20% darker color. If you saturate the color by 10%, you get $61.7448, 0.4003, 0.4032$, and if you desaturate by 10%, it is $72.3725, 0.3578, 0.3706$.

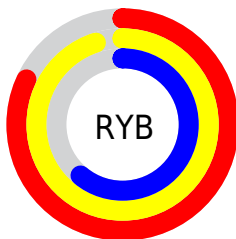
Distribution



Red (95%)

Green (82%)

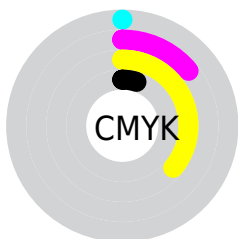
Blue (61%)



Red (82%)

Yellow (95%)

Blue (61%)

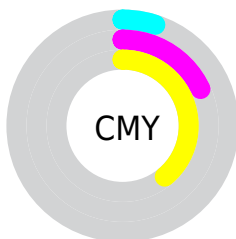


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8447, 0.3784, 0.3872 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 66.8447, 0.3784, 0.3872 by changing the saturation by 10% instead.


 66.8447, 0.3784,
0.3872


 66.8447, 0.3784,
0.3872


449.3918, 0.3477,
0.3605

 48.9584, 0.3854,
0.3931


 114.6979, 0.3678,
0.3780

 34.5865, 0.3939,
0.4003


 145.4335, 0.3636,
0.3745

 23.3445, 0.4046,
0.4092


181.2211, 0.3601,
0.3713

 14.8481, 0.4182,
0.4203

222.4450, 0.3570,
0.3686

 8.7129, 0.4360,
0.4344

269.4897, 0.3542,
0.3662

 4.5544, 0.4596,
0.4519

322.7394, 0.3518,

 1.9882, 0.5095,

0.3641

0.4905

382.5786, 0.3497,
0.3622

0.6006, 0.5274,
0.4726

0.0000, 0.0000,
0.0000

66.8447, 0.3784,
0.3872

66.8447, 0.3784,
0.3872

61.7448, 0.4003,
0.4032

72.3725, 0.3578,
0.3706

57.0495, 0.4231,
0.4176

78.3320, 0.3390,
0.3541

52.7464, 0.4458,
0.4293

84.7388, 0.3220,
0.3381

48.8190, 0.4672,
0.4370

91.6047, 0.3068,
0.3230

■ 45.2481, 0.4862,
0.4398

■ 97.5153, 0.3047,
0.3288

■ 42.0113, 0.5019,
0.4373

■ 97.6112, 0.3047,
0.3290

■ 40.7812, 0.5076,
0.4352

Harmonies

Analogous

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



66.8447, 0.3904, 0.3613



66.8447, 0.3784, 0.3872



66.8447, 0.3487, 0.3989

Triad

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



66.8447, 0.3784, 0.3872



66.8447, 0.2494, 0.3223



66.8447, 0.3111, 0.2772

Complementary

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



66.8447, 0.3784, 0.3872



49.3176, 0.2529, 0.2626

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.



66.8447, 0.2746, 0.2663



66.8447, 0.3784, 0.3872



66.8447, 0.2407, 0.2895

Square

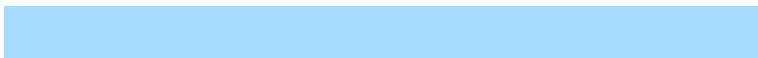
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8447, 0.3784, 0.3872



66.8447, 0.2744, 0.3602



66.8447, 0.2496, 0.2701



66.8447, 0.3502, 0.2999

Rectangle

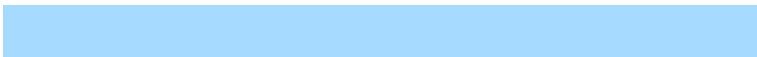
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8447, 0.3784, 0.3872



66.8447, 0.3236, 0.3951



66.8447, 0.2496, 0.2701



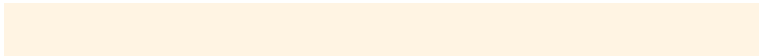
66.8447, 0.2981, 0.2721

Sweetspot

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



66.8478, 0.3784, 0.3872



91.7300, 0.3304, 0.3461



45.9569, 0.3658, 0.2927



19.4251, 0.3327, 0.3483



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.



66.8478, 0.3784, 0.3872



71.1367, 0.3940, 0.3988



82.9758, 0.3595, 0.4209



17.3944, 0.3278, 0.3436



22.1867, 0.5057, 0.4367



2.0368, 0.4913, 0.4481

Inverse Universe

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



49.3176, 0.2529, 0.2626



48.7645, 0.2403, 0.2465



37.8636, 0.2544, 0.2225



16.2101, 0.2980, 0.3139



7.7683, 0.1667, 0.1203



0.8321, 0.1740, 0.1464

Previews

White Background



This preview shows how the Yxy color 66.8447, 0.3784, 0.3872 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 66.8447, 0.3784, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

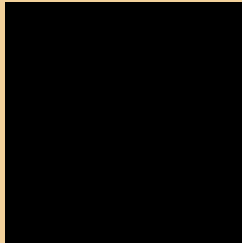
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8447, 0.3784, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 66.8447, 0.3784, 0.3872.



This preview shows how white text looks on a background with the Yxy color 66.8447, 0.3784, 0.3872.

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

66.8447, 0.3784, 0.3872

Protanopia

66.6808, 0.3651, 0.3914

Deuteranopia

66.9456, 0.3882, 0.3802



Tritanopia

66.9228, 0.3385, 0.3125

Trichromacy



Original Color

66.8447, 0.3784, 0.3872

Protanomaly

66.9797, 0.3701, 0.3906

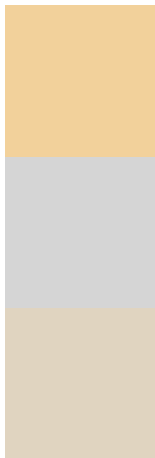
Deuteranomaly

66.6827, 0.3845, 0.3819

Tritanomaly

66.6736, 0.3533, 0.3397

Monochromacy



Original Color

66.8447, 0.3784, 0.3872

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7400, 0.3359, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8447, 0.3784, 0.3872 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(242, 209, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 155)  
}
```

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(242, 209, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 155) }
```

Border

The CSS property to change the border of an element to Yxy 66.8447, 0.3784, 0.3872 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(242, 209, 155) }
```

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

```
.border{ border-color:rgb(242, 209, 155) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8447, 0.3784, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 155) }
```

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

```
.background{ background-color: rgb(242,  
209, 155) }
```

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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