

Converting Colors

$Y_{xy}(67.0222, 0.3792, 0.3870)$

Have a look what the booklet for
Yxy(67.0222, 0.3792, 0.3870)
contains.

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Color

Yxy(67.0222, 0.3792, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	F3D19B
RGB	243, 209, 155
RGB Percent	95%, 82%, 61%
CMY	0.0472, 0.1803, 0.3921
CMYK	0.00, 0.14, 0.36, 0.05
HSL	37°, 79%, 78%
HSV	37°, 36%, 95%
XYZ	65.6714, 67.0222, 40.4904
YIQ	213.0100, 37.5980, -9.5860

Conversions

Conversions Part 2

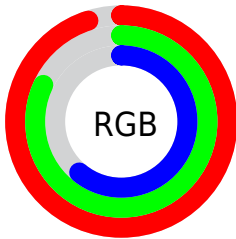
Format	Color
R _Y B	210, 243, 155
Decimal	15978907
CIE Lab	85.52, 4.46, 31.20
CIE LCh	86, 31.521, 81.862
Yxy	67.0222, 0.3792, 0.3870
Android (android.graphics.Color)	4294168987 (0xFFFF3D19B)
YUV	213.0100, -28.5989, 26.3012
Hunter-Lab	81.8671, -0.0800, 27.9829

Details

The Yxy color **67.0222, 0.3792, 0.3870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8180, 0.2526, 0.2628**, and the grayscale version is **66.7231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **34.8611, 0.3955, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **61.8214, 0.4014, 0.4028**, and if you desaturate by 10%, it is **72.6644, 0.3585, 0.3706**.

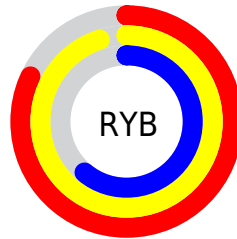
Distribution



Red (95%)

Green (82%)

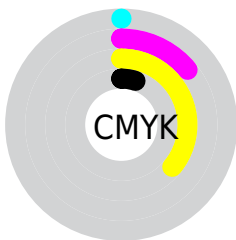
Blue (61%)



Red (82%)

Yellow (95%)

Blue (61%)

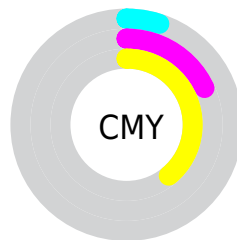


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0222, 0.3792, 0.3870 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 67.0222, 0.3792, 0.3870 by changing the saturation by 10% instead.

 67.0222, 0.3792,
0.3870


 67.0222, 0.3792,
0.3870


450.0238, 0.3482,
0.3604

 49.1027, 0.3862,
0.3929


 114.9522, 0.3684,
0.3779

 34.7009, 0.3949,
0.4000


 145.7315, 0.3643,
0.3743

 23.4326, 0.4057,
0.4088


181.5662, 0.3606,
0.3712

 14.9133, 0.4195,
0.4198

222.8406, 0.3575,
0.3685

 8.7585, 0.4375,
0.4336

269.9391, 0.3547,
0.3661

 4.5840, 0.4613,
0.4508

323.2463, 0.3523,

 2.0053, 0.5115,

0.3640

0.4885

383.1464, 0.3501,
0.3621

0.6106, 0.5303,
0.4697

0.0000, 0.0000,
0.0000

67.0222, 0.3792,
0.3870

67.0222, 0.3792,
0.3870

61.8214, 0.4014,
0.4028

72.6644, 0.3585,
0.3706

57.0381, 0.4244,
0.4170

78.7522, 0.3395,
0.3542

52.6598, 0.4473,
0.4284

85.3017, 0.3224,
0.3384

48.6691, 0.4690,
0.4359

92.3248, 0.3071,
0.3234

■ 45.0465, 0.4883,
0.4384

■ 97.7889, 0.3053,
0.3290

■ 41.7688, 0.5042,
0.4355

■ 40.6018, 0.5096,
0.4335

Harmonies

Analogous

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



67.0222, 0.3908, 0.3608



67.0222, 0.3792, 0.3870



67.0222, 0.3497, 0.3992

Triad

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



67.0222, 0.3792, 0.3870



67.0222, 0.2495, 0.3231



67.0222, 0.3102, 0.2766

Complementary

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



67.0222, 0.3792, 0.3870



49.8180, 0.2526, 0.2628

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.



67.0222, 0.2737, 0.2659



67.0222, 0.3792, 0.3870



67.0222, 0.2404, 0.2899

Square

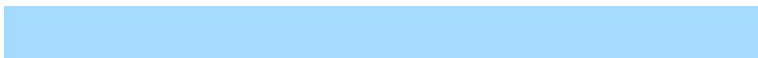
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0222, 0.3792, 0.3870



67.0222, 0.2749, 0.3611



67.0222, 0.2489, 0.2701



67.0222, 0.3496, 0.2991

Rectangle

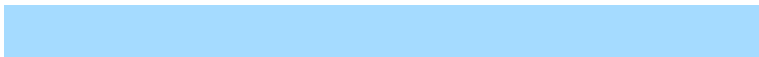
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.0222, 0.3792, 0.3870



67.0222, 0.3245, 0.3958



67.0222, 0.2489, 0.2701



67.0222, 0.2971, 0.2715

Sweetspot

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



67.0253, 0.3792, 0.3870



91.6087, 0.3304, 0.3459



46.2220, 0.3649, 0.2909



19.3961, 0.3328, 0.3481



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.



67.0253, 0.3792, 0.3870



70.7407, 0.3944, 0.3980



83.9701, 0.3609, 0.4212



18.1767, 0.3278, 0.3435



22.5597, 0.5078, 0.4350



2.1816, 0.4937, 0.4462

Inverse Universe

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



49.8180, 0.2526, 0.2628



49.0990, 0.2405, 0.2475



37.7881, 0.2528, 0.2213



16.9755, 0.2980, 0.3141



8.1673, 0.1673, 0.1221



0.9107, 0.1742, 0.1469

Previews

White Background



This preview shows how the Yxy color 67.0222, 0.3792, 0.3870 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 67.0222, 0.3792, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

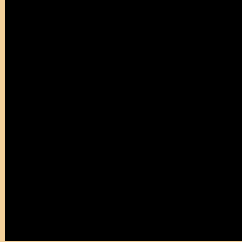
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0222, 0.3792, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 67.0222, 0.3792, 0.3870.



This preview shows how white text looks on a background with the Yxy color 67.0222, 0.3792, 0.3870.

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

67.0222, 0.3792, 0.3870

Protanopia

67.3505, 0.3655, 0.3922

Deuteranopia

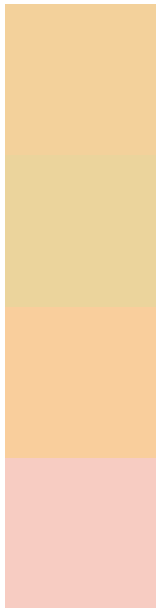
66.9456, 0.3882, 0.3802



Tritanopia

67.1070, 0.3392, 0.3126

Trichromacy



Original Color

67.0222, 0.3792, 0.3870

Protanomaly

67.1494, 0.3709, 0.3904

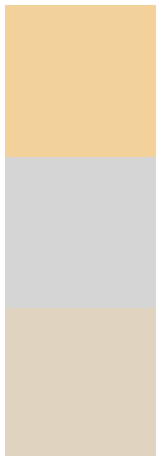
Deuteranomaly

66.6827, 0.3845, 0.3819

Tritanomaly

66.8549, 0.3541, 0.3397

Monochromacy



Original Color

67.0222, 0.3792, 0.3870

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 67.0222, 0.3792, 0.3870 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, 209, 155)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 209, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 155) }
```

Border

The CSS property to change the border of an element to Yxy 67.0222, 0.3792, 0.3870 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, 209, 155) }
```

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

```
.border{ border-color:rgb(243, 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(243, 209, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 155);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0222, 0.3792, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 155) }
```

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

```
.background{ background-color: rgb(243,  
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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