

Converting Colors

Yxy(63.6282, 0.4006, 0.4173)

Have a look what the booklet for
Yxy(63.6282, 0.4006, 0.4173)
contains.

Yxy(63.4434, 0.4008, 0.4168)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4434, 0.4008, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	EBCD7B
RGB	239, 205, 123
RGB Percent	94%, 80%, 48%
CMY	0.0627, 0.1961, 0.5177
CMYK	0.00, 0.14, 0.49, 0.06
HSL	42°, 78%, 71%
HSV	42°, 49%, 94%
XYZ	61.0080, 63.4434, 27.7641
YIQ	205.8180, 46.5860, -18.2940

Conversions

Conversions Part 2

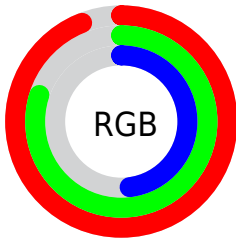
Format	Color
RYB	171, 239, 123
Decimal	15715707
CIELab	83.68, 1.67, 45.03
CIELCh	84, 45.060, 87.873
Yxy	63.4434, 0.4008, 0.4168
Android (android.graphics.Color)	4293905787 (0xFFEFC7D7B)
YUV	205.8180, -40.8293, 29.1006
Hunter-Lab	79.6514, -2.6701, 35.0892

Details

The Yxy color **63.4434, 0.4008, 0.4168** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.5607, 0.2283, 0.2204**, and the grayscale version is **61.8450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **32.4249, 0.4203, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **59.6408, 0.4208, 0.4323**, and if you desaturate by 10%, it is **67.5483, 0.3808, 0.3993**.

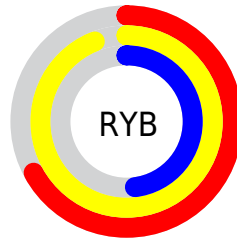
Distribution



Red (94%)

Green (80%)

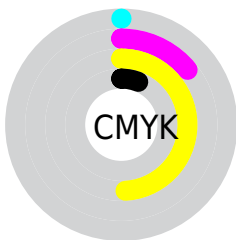
Blue (48%)



Red (67%)

Yellow (94%)

Blue (48%)

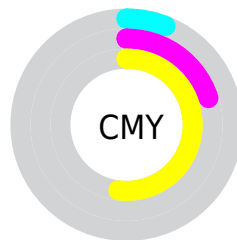


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (6%)



Cyan (6%)


Magenta (20%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4434, 0.4008, 0.4168 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 63.4434, 0.4008, 0.4168 by changing the saturation by 10% instead.


 63.4434, 0.4008,
0.4168


 63.4434, 0.4008,
0.4168

437.1769, 0.3603,
0.3767


 46.2000, 0.4096,
0.4254


 109.8090, 0.3870,
0.4032

 32.4037, 0.4202,
0.4357


 139.6999, 0.3815,
0.3978

 21.6700, 0.4329,
0.4479


 174.5755, 0.3768,
0.3932

 13.6146, 0.4481,
0.4624

214.8201, 0.3727,
0.3890

 7.8531, 0.4657,
0.4787

260.8182, 0.3690,
0.3854

 4.0011, 0.4946,
0.5054

312.9541, 0.3658,

 1.6742, 0.4970,

0.3822

0.5030

371.6122, 0.3629,
0.3793

0.4069, 0.5124,
0.4876

0.0000, 0.0000,
0.0000

63.4434, 0.4008,
0.4168

63.4434, 0.4008,
0.4168

59.6408, 0.4208,
0.4323

67.5483, 0.3808,
0.3993

56.1187, 0.4398,
0.4446


71.9582, 0.3613,
0.3808


52.8659, 0.4568,
0.4528


76.6868, 0.3430,
0.3622

49.8658, 0.4711,
0.4560

81.7443, 0.3260,
0.3440

 47.0952, 0.4823,
0.4544

 87.1399, 0.3106,
0.3265

 46.7071, 0.4839,
0.4540

 92.1267, 0.3030,
0.3211

 96.4954, 0.3030,
0.3281

 97.0946, 0.3029,
0.3290

Harmonies

Analogous

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



63.4434, 0.4251, 0.3801



63.4434, 0.4008, 0.4168



63.4434, 0.3537, 0.4327

Triad

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



63.4434, 0.4008, 0.4168



63.4434, 0.2184, 0.3077



63.4434, 0.3197, 0.2606

Complementary

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



63.4434, 0.4008, 0.4168



34.5607, 0.2283, 0.2204

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.



63.4434, 0.2655, 0.2420



63.4434, 0.4008, 0.4168



63.4434, 0.2113, 0.2640

Square

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



63.4434, 0.4008, 0.4168



63.4434, 0.2489, 0.3651



63.4434, 0.2276, 0.2423



63.4434, 0.3767, 0.2939

Rectangle

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



63.4434, 0.4008, 0.4168



63.4434, 0.3166, 0.4246



63.4434, 0.2276, 0.2423



63.4434, 0.3005, 0.2525

Sweetspot

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



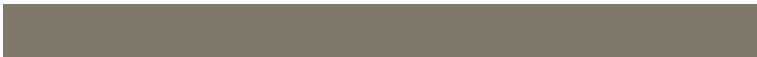
63.4464, 0.4008, 0.4168



90.8285, 0.3369, 0.3557



34.9789, 0.4061, 0.2909



19.1803, 0.3406, 0.3596



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.



63.4464, 0.4008, 0.4168



69.2275, 0.4201, 0.4318



77.7466, 0.3670, 0.4549



17.6305, 0.3275, 0.3456



26.0439, 0.4826, 0.4550



2.3378, 0.4723, 0.4632

Inverse Universe

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



34.5607, 0.2283, 0.2204



32.3140, 0.2110, 0.1942



26.5247, 0.2366, 0.1816



15.9839, 0.2980, 0.3118



6.0669, 0.1606, 0.0982



0.6705, 0.1677, 0.1238

Previews

White Background



This preview shows how the Yxy color 63.4434, 0.4008, 0.4168 looks on a white background.

Color Contrast Check

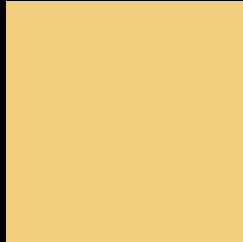
Large Text (above 18pt) WCAG AA × Fail

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 63.4434, 0.4008, 0.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

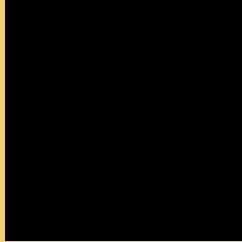
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4434, 0.4008, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 63.4434, 0.4008, 0.4168.



This preview shows how white text looks on a background with the Yxy color 63.4434, 0.4008, 0.4168.

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

63.4434, 0.4008, 0.4168

Protanopia

63.5501, 0.3889, 0.4230

Deuteranopia

63.1847, 0.4149, 0.4060



Tritanopia

63.4575, 0.3432, 0.3133

Trichromacy



Original Color

63.4434, 0.4008, 0.4168

Protanomaly

63.7228, 0.3927, 0.4208

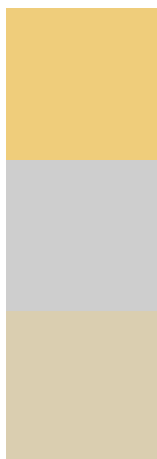
Deuteranomaly

63.1850, 0.4097, 0.4094

Tritanomaly

63.2943, 0.3655, 0.3518

Monochromacy



Original Color

63.4434, 0.4008, 0.4168

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1826, 0.3440, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4434, 0.4008, 0.4168 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(239, 205, 123)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 123)  
}
```

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(239, 205, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 123) }
```

Border

The CSS property to change the border of an element to Yxy 63.4434, 0.4008, 0.4168 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(239, 205, 123) }
```

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

```
.border{ border-color:rgb(239, 205, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 205, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 123);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4434, 0.4008, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 123) }
```

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

```
.background{ background-color: rgb(239,  
205, 123) }
```

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