

Converting Colors

Yxy(63.2848, 0.3681, 0.3650)

Have a look what the booklet for
Yxy(63.2848, 0.3681, 0.3650)
contains.

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Color

Yxy(63.4564, 0.3676, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	EFCAA9
RGB	239, 202, 169
RGB Percent	94%, 79%, 66%
CMY	0.0628, 0.2078, 0.3372
CMYK	0.00, 0.15, 0.29, 0.06
HSL	28°, 69%, 80%
HSV	28°, 29%, 94%
XYZ	63.8734, 63.4564, 46.4281
YIQ	209.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

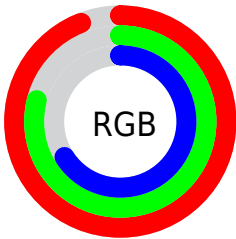
Format	Color
R _Y B	239, 231, 169
Decimal	15714985
CIE Lab	83.68, 8.29, 21.33
CIE LCh	84, 22.886, 68.756
Yxy	63.4564, 0.3676, 0.3652
Android (android.graphics.Color)	4293905065 (0xFFEFCAA9)
YUV	209.3010, -19.8684, 26.0460
Hunter-Lab	79.6595, 3.7225, 21.2056

Details

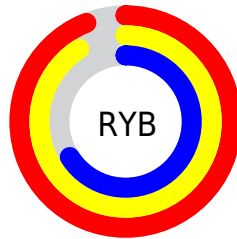
The Yxy color **63.4564, 0.3676, 0.3652** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.8016, 0.2661, 0.2897**, and the grayscale version is **64.0847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **32.4092, 0.3811, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **56.9567, 0.3915, 0.3780**, and if you desaturate by 10%, it is **70.6109, 0.3464, 0.3523**.

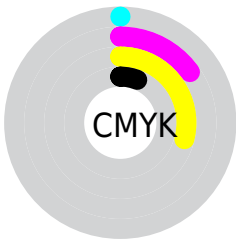
Distribution



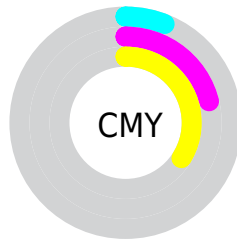
- Red (94%)
- Green (79%)
- Blue (66%)



- Red (94%)
- Yellow (91%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (6%)




- Cyan (6%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4564, 0.3676, 0.3652 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 63.4564, 0.3676, 0.3652 by changing the saturation by 10% instead.


 63.4564, 0.3676,
0.3652

 63.4564, 0.3676,
0.3652

437.2240, 0.3415,
0.3485

 46.2105, 0.3737,
0.3689


 109.8277, 0.3584,
0.3595

 32.4120, 0.3813,
0.3735


139.7219, 0.3549,
0.3572

 21.6764, 0.3911,
0.3792


174.6010, 0.3518,
0.3553

 13.6193, 0.4040,
0.3864

214.8494, 0.3492,
0.3536

 7.8564, 0.4216,
0.3958

260.8515, 0.3469,
0.3521

 4.0032, 0.4471,
0.4081

312.9917, 0.3449,

 1.6753, 0.5119,

0.3508

0.4461

371.6544, 0.3431,
0.3496

0.4076, 0.5914,
0.4086

0.0000, 0.0000,
0.0000

63.4564, 0.3676,
0.3652

63.4564, 0.3676,
0.3652

56.9567, 0.3915,
0.3780

70.6109, 0.3464,
0.3523

51.0824, 0.4179,
0.3901

78.4307, 0.3278,
0.3399

45.8148, 0.4463,
0.4004

86.9373, 0.3116,
0.3282

41.1304, 0.4754,
0.4077

95.5137, 0.3029,
0.3265

■ 37.0037, 0.5036,
0.4107

■ 97.0861, 0.3029,
0.3290

■ 33.4065, 0.5289,
0.4084

■ 30.3013, 0.5500,
0.4009

■ 30.0918, 0.5515,
0.4003

Harmonies

Analogous

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



63.4564, 0.3687, 0.3433



63.4564, 0.3676, 0.3652



63.4564, 0.3513, 0.3787

Triad

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



63.4564, 0.3676, 0.3652



63.4564, 0.2726, 0.3373



63.4564, 0.2985, 0.2846

Complementary

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



63.4564, 0.3676, 0.3652



58.8016, 0.2661, 0.2897

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.



63.4564, 0.2742, 0.2816



63.4564, 0.3676, 0.3652



63.4564, 0.2598, 0.3104

Square

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



63.4564, 0.3676, 0.3652



63.4564, 0.2962, 0.3630



63.4564, 0.2604, 0.2904



63.4564, 0.3278, 0.2982

Rectangle

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



63.4564, 0.3676, 0.3652



63.4564, 0.3344, 0.3803



63.4564, 0.2604, 0.2904



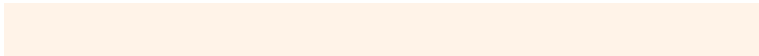
63.4564, 0.2895, 0.2823

Sweetspot

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



63.4593, 0.3676, 0.3652



91.1150, 0.3274, 0.3396



51.2026, 0.3436, 0.2886



19.2081, 0.3299, 0.3414



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.



63.4593, 0.3676, 0.3652



69.0398, 0.3813, 0.3727



81.5726, 0.3576, 0.4000



16.9883, 0.3281, 0.3402



16.8918, 0.5489, 0.4023



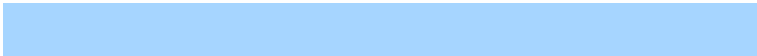
1.6029, 0.5275, 0.4194

Inverse Universe

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



58.8016, 0.2661, 0.2897



62.8411, 0.2566, 0.2805



43.9277, 0.2614, 0.2466



16.6113, 0.2980, 0.3176



11.9945, 0.1799, 0.1674



1.1970, 0.1862, 0.1902

Previews

White Background



This preview shows how the Yxy color 63.4564, 0.3676, 0.3652 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 63.4564, 0.3676, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

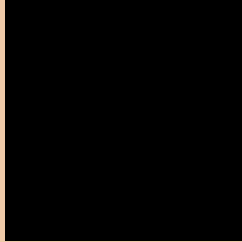
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4564, 0.3676, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 63.4564, 0.3676, 0.3652.



This preview shows how white text looks on a background with the Yxy color 63.4564, 0.3676, 0.3652.

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

63.4564, 0.3676, 0.3652

Protanopia

63.4625, 0.3490, 0.3702

Deuteranopia

63.6925, 0.3713, 0.3637



Tritanopia

63.4161, 0.3398, 0.3132

Trichromacy



Original Color

63.4564, 0.3676, 0.3652

Protanomaly

63.5769, 0.3559, 0.3684

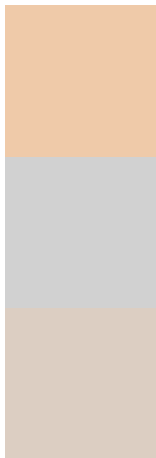
Deuteranomaly

63.5151, 0.3704, 0.3638

Tritanomaly

63.2509, 0.3497, 0.3313

Monochromacy



Original Color

63.4564, 0.3676, 0.3652

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2533, 0.3322, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4564, 0.3676, 0.3652 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, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 169)  
}
```

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, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 169) }
```

Border

The CSS property to change the border of an element to Yxy 63.4564, 0.3676, 0.3652 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, 202, 169) }
```

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

```
.border{ border-color:rgb(239, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 202, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 202, 169); box-shadow:4px 4px 4px 4px rgb(239, 202, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4564, 0.3676, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 169) }
```

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

```
.background{ background-color: rgb(239,  
202, 169) }
```

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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