

Converting Colors

Yxy(64.2603, 0.3645, 0.3630)

Have a look what the booklet for
Yxy(64.2603, 0.3645, 0.3630)
contains.

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Color

Yxy(64.0412, 0.3650, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	EFCBAC
RGB	239, 203, 172
RGB Percent	94%, 80%, 67%
CMY	0.0628, 0.2039, 0.3256
CMYK	0.00, 0.15, 0.28, 0.06
HSL	28°, 68%, 81%
HSV	28°, 28%, 94%
XYZ	64.3940, 64.0412, 47.9868
YIQ	210.2300, 31.4070, -2.0090

Conversions

Conversions Part 2

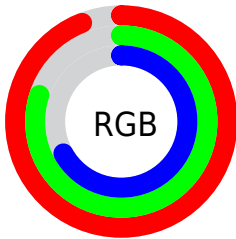
Format	Color
R _Y B	239, 230, 172
Decimal	15715244
CIE Lab	83.99, 8.16, 20.19
CIE LCh	84, 21.779, 67.986
Yxy	64.0412, 0.3650, 0.3630
Android (android.graphics.Color)	4293905324 (0xFFEFCBAC)
YUV	210.2300, -18.8474, 25.2313
Hunter-Lab	80.0257, 3.5879, 20.4653

Details

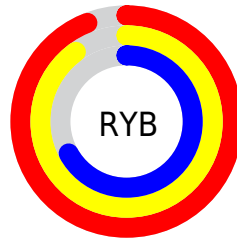
The Yxy color **64.0412, 0.3650, 0.3630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0899, 0.2682, 0.2923**, and the grayscale version is **64.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **32.7960, 0.3775, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **57.3949, 0.3887, 0.3756**, and if you desaturate by 10%, it is **71.3601, 0.3440, 0.3504**.

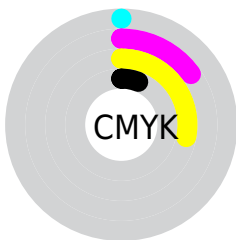
Distribution



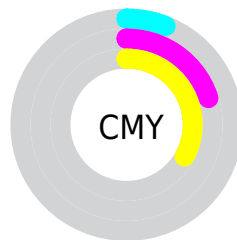
- Red (94%)
- Green (80%)
- Blue (67%)



- Red (94%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0412, 0.3650, 0.3630 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 64.0412, 0.3650, 0.3630 by changing the saturation by 10% instead.

 64.0412, 0.3650,
0.3630

 64.0412, 0.3650,
0.3630

439.3384, 0.3401,
0.3474

 46.6840, 0.3708,
0.3665


 110.6703, 0.3563,
0.3576

 32.7860, 0.3781,
0.3708


140.7110, 0.3529,
0.3555

 21.9625, 0.3874,
0.3762


175.7483, 0.3500,
0.3537

 13.8294, 0.3996,
0.3830

216.1667, 0.3475,
0.3521

 8.0021, 0.4165,
0.3919

262.3505, 0.3453,
0.3507

 4.0963, 0.4409,
0.4037

314.6841, 0.3434,

 1.7276, 0.4964,

0.3495

0.4346

373.5520, 0.3417,
0.3484

0.4414, 0.5837,
0.4163

0.0000, 0.0000,
0.0000

64.0412, 0.3650,
0.3630

64.0412, 0.3650,
0.3630

57.3949, 0.3887,
0.3756

71.3601, 0.3440,
0.3504

51.3915, 0.4151,
0.3876

79.3626, 0.3257,
0.3383

46.0115, 0.4436,
0.3980

88.0706, 0.3098,
0.3268

41.2314, 0.4731,
0.4056

96.6656, 0.3029,
0.3283

37.0251, 0.5019,
0.4090

97.0884, 0.3029,
0.3290

33.3639, 0.5282,
0.4072

30.2129, 0.5500,
0.4000

29.6473, 0.5540,
0.3983

Harmonies

Analogous

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



64.0412, 0.3656, 0.3421



64.0412, 0.3650, 0.3630



64.0412, 0.3499, 0.3760

Triad

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



64.0412, 0.3650, 0.3630



64.0412, 0.2751, 0.3376



64.0412, 0.2986, 0.2866

Complementary

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



64.0412, 0.3650, 0.3630



60.0899, 0.2682, 0.2923

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.



64.0412, 0.2756, 0.2840



64.0412, 0.3650, 0.3630



64.0412, 0.2626, 0.3121

Square

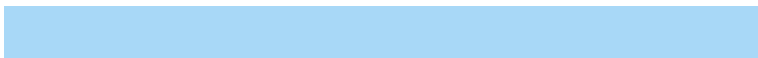
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0412, 0.3650, 0.3630



64.0412, 0.2977, 0.3617



64.0412, 0.2628, 0.2928



64.0412, 0.3263, 0.2993

Rectangle

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



64.0412, 0.3650, 0.3630



64.0412, 0.3340, 0.3776



64.0412, 0.2628, 0.2928



64.0412, 0.2901, 0.2845

Sweetspot

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



64.0441, 0.3650, 0.3630



91.9650, 0.3257, 0.3382



52.4417, 0.3409, 0.2892



19.3735, 0.3283, 0.3400



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.



64.0441, 0.3650, 0.3630



69.4309, 0.3791, 0.3707



81.1081, 0.3560, 0.3959



16.9654, 0.3282, 0.3400



16.6424, 0.5514, 0.4004



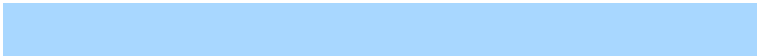
1.5816, 0.5296, 0.4177

Inverse Universe

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



60.0899, 0.2682, 0.2923



64.1013, 0.2584, 0.2830



45.7890, 0.2640, 0.2520



16.6344, 0.2980, 0.3178



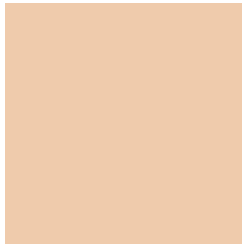
12.2868, 0.1807, 0.1703



1.2211, 0.1869, 0.1928

Previews

White Background



This preview shows how the Yxy color 64.0412, 0.3650, 0.3630 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 64.0412, 0.3650, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

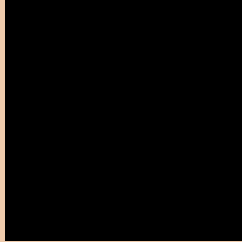
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0412, 0.3650, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 64.0412, 0.3650, 0.3630.



This preview shows how white text looks on a background with the Yxy color 64.0412, 0.3650, 0.3630.

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

64.0412, 0.3650, 0.3630

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

63.8065, 0.3689, 0.3605



Tritanopia

63.9697, 0.3381, 0.3122

Trichromacy



Original Color

64.0412, 0.3650, 0.3630

Protanomaly

64.1756, 0.3534, 0.3661

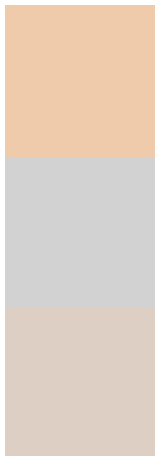
Deuteranomaly

64.0969, 0.3678, 0.3616

Tritanomaly

63.8013, 0.3479, 0.3302

Monochromacy



Original Color

64.0412, 0.3650, 0.3630

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9833, 0.3314, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0412, 0.3650, 0.3630 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, 203, 172)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 172)  
}
```

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, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 172) }
```

Border

The CSS property to change the border of an element to Yxy 64.0412, 0.3650, 0.3630 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, 203, 172) }
```

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

```
.border{ border-color:rgb(239, 203, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 203, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0412, 0.3650, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 172) }
```

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

```
.background{ background-color: rgb(239,  
203, 172) }
```

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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