

Converting Colors

Yxy(64.0822, 0.3674, 0.3649)

Have a look what the booklet for
Yxy(64.0822, 0.3674, 0.3649)
contains.

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Color

Yxy(64.1394, 0.3674, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	F0CBAA
RGB	240, 203, 170
RGB Percent	94%, 80%, 67%
CMY	0.0588, 0.2039, 0.3334
CMYK	0.00, 0.15, 0.29, 0.06
HSL	28°, 70%, 80%
HSV	28°, 29%, 94%
XYZ	64.5435, 64.1394, 46.9934
YIQ	210.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

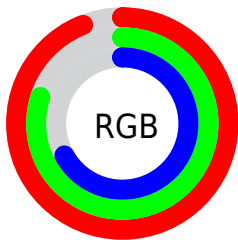
Format	Color
R _Y B	240, 232, 170
Decimal	15780778
CIE Lab	84.04, 8.28, 21.34
CIE LCh	84, 22.888, 68.784
Yxy	64.1394, 0.3674, 0.3651
Android (android.graphics.Color)	4293970858 (0xFFFF0CBAA)
YUV	210.3010, -19.8684, 26.0460
Hunter-Lab	80.0871, 3.7036, 21.2708

Details

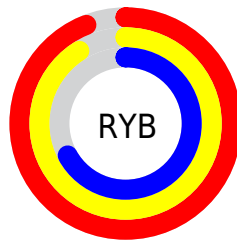
The Yxy color **64.1394, 0.3674, 0.3651** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4388, 0.2663, 0.2898**, and the grayscale version is **64.7740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **32.8702, 0.3806, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **57.5707, 0.3913, 0.3779**, and if you desaturate by 10%, it is **71.3694, 0.3462, 0.3522**.

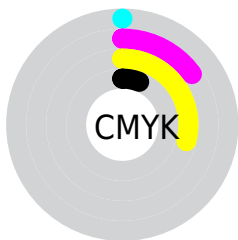
Distribution



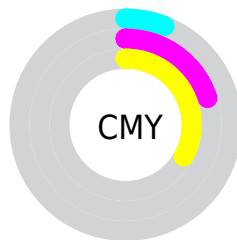
- Red (94%)
- Green (80%)
- Blue (67%)



- Red (94%)
- Yellow (91%)
- Blue (67%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1394, 0.3674, 0.3651 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 64.1394, 0.3674, 0.3651 by changing the saturation by 10% instead.


 64.1394, 0.3674,
0.3651

 64.1394, 0.3674,
0.3651


439.6929, 0.3414,
0.3485

 46.7636, 0.3735,
0.3688

 110.8117, 0.3583,
0.3594

 32.8488, 0.3810,
0.3734


140.8769, 0.3547,
0.3572

 22.0106, 0.3907,
0.3790


175.9408, 0.3517,
0.3552

 13.8647, 0.4034,
0.3862

216.3876, 0.3491,
0.3535

 8.0266, 0.4209,
0.3955

262.6019, 0.3468,
0.3521

 4.1120, 0.4460,
0.4076

314.9679, 0.3448,

 1.7364, 0.5065,

0.3507

0.4424

373.8701, 0.3430,
0.3496

0.4471, 0.5838,
0.4162

0.0000, 0.0000,
0.0000

64.1394, 0.3674,
0.3651

64.1394, 0.3674,
0.3651

57.5707, 0.3913,
0.3779

71.3694, 0.3462,
0.3522

51.6337, 0.4177,
0.3900

79.2714, 0.3276,
0.3398

46.3094, 0.4460,
0.4004

87.8671, 0.3115,
0.3281

41.5742, 0.4751,
0.4077

96.4474, 0.3036,
0.3277

■ 37.4025, 0.5034,
0.4108

■ 97.2646, 0.3035,
0.3290

■ 33.7655, 0.5287,
0.4085

■ 30.6260, 0.5498,
0.4010

■ 30.3871, 0.5515,
0.4003

Harmonies

Analogous

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



64.1394, 0.3685, 0.3433



64.1394, 0.3674, 0.3651



64.1394, 0.3511, 0.3785

Triad

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



64.1394, 0.3674, 0.3651



64.1394, 0.2727, 0.3373



64.1394, 0.2986, 0.2848

Complementary

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



64.1394, 0.3674, 0.3651



59.4388, 0.2663, 0.2898

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.



64.1394, 0.2743, 0.2817



64.1394, 0.3674, 0.3651



64.1394, 0.2600, 0.3105

Square

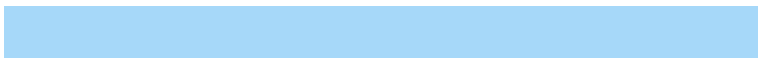
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1394, 0.3674, 0.3651



64.1394, 0.2962, 0.3629



64.1394, 0.2606, 0.2906



64.1394, 0.3278, 0.2983

Rectangle

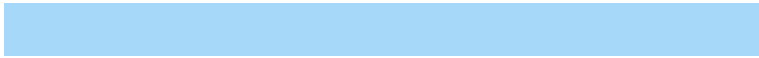
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1394, 0.3674, 0.3651



64.1394, 0.3343, 0.3801



64.1394, 0.2606, 0.2906



64.1394, 0.2896, 0.2825

Sweetspot

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



64.1424, 0.3674, 0.3651



91.1173, 0.3274, 0.3396



51.7838, 0.3434, 0.2887



19.2086, 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.



64.1424, 0.3674, 0.3651



69.0473, 0.3813, 0.3728



82.3782, 0.3575, 0.3997



16.9887, 0.3281, 0.3402



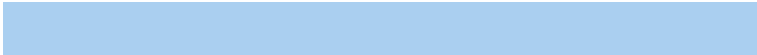
16.8969, 0.5489, 0.4024



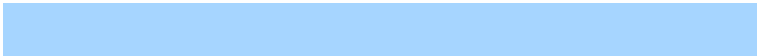
1.6034, 0.5274, 0.4194

Inverse Universe

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



59.4388, 0.2663, 0.2898



62.8334, 0.2566, 0.2805



44.4553, 0.2616, 0.2468



16.6108, 0.2980, 0.3176



11.9887, 0.1798, 0.1674



1.1965, 0.1862, 0.1902

Previews

White Background



This preview shows how the Yxy color 64.1394, 0.3674, 0.3651 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 64.1394, 0.3674, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

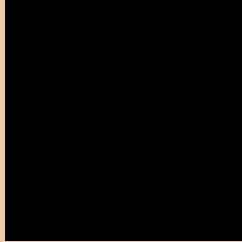
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1394, 0.3674, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 64.1394, 0.3674, 0.3651.



This preview shows how white text looks on a background with the Yxy color 64.1394, 0.3674, 0.3651.

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

64.1394, 0.3674, 0.3651

Protanopia

64.1477, 0.3488, 0.3701

Deuteranopia

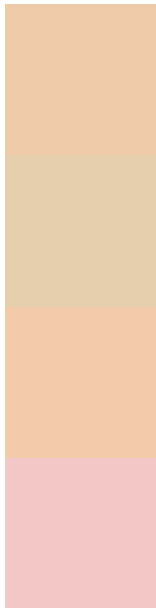
64.3764, 0.3710, 0.3636



Tritanopia

64.0984, 0.3397, 0.3133

Trichromacy



Original Color

64.1394, 0.3674, 0.3651

Protanomaly

64.2622, 0.3557, 0.3683

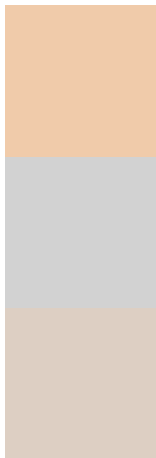
Deuteranomaly

64.1980, 0.3702, 0.3637

Tritanomaly

63.9328, 0.3495, 0.3313

Monochromacy



Original Color

64.1394, 0.3674, 0.3651

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9379, 0.3321, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1394, 0.3674, 0.3651 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(240, 203, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 170)  
}
```

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(240, 203, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 170) }
```

Border

The CSS property to change the border of an element to Yxy 64.1394, 0.3674, 0.3651 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(240, 203, 170) }
```

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

```
.border{ border-color:rgb(240, 203, 170) }
```

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

Here you see how a box with a 4 pixel rgb(240, 203, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1394, 0.3674, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 170) }
```

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

```
.background{ background-color: rgb(240,  
203, 170) }
```

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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