

Converting Colors

Yxy(64.3250, 0.3692, 0.3619)

Have a look what the booklet for
Yxy(64.3250, 0.3692, 0.3619)
contains.

Yxy(64.2743, 0.3686, 0.3615)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2743, 0.3686, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	F3CAAC
RGB	243, 202, 172
RGB Percent	95%, 79%, 67%
CMY	0.0470, 0.2079, 0.3254
CMYK	0.00, 0.17, 0.29, 0.05
HSL	25°, 75%, 81%
HSV	25°, 29%, 95%
XYZ	65.5367, 64.2743, 47.9879
YIQ	210.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

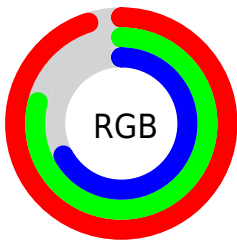
Format	Color
R _Y B	243, 224, 172
Decimal	15977132
CIE Lab	84.11, 10.22, 20.40
CIE LCh	84, 22.817, 63.381
Yxy	64.2743, 0.3686, 0.3615
Android (android.graphics.Color)	4294167212 (0xFFF3CAAC)
YUV	210.8390, -19.1476, 28.2052
Hunter-Lab	80.1713, 5.6166, 20.6308

Details

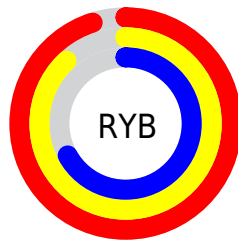
The Yxy color $64.2743, 0.3686, 0.3615$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $62.8560, 0.2666, 0.2940$, and the grayscale version is $65.1451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3261, 0.3292, 0.3562$, and $32.9750, 0.3823, 0.3683$ is the 20% darker color. If you saturate the color by 10%, you get $57.1348, 0.3935, 0.3731$, and if you desaturate by 10%, it is $72.1902, 0.3468, 0.3499$.

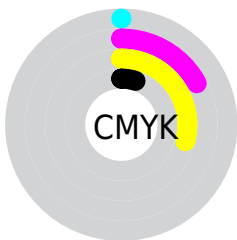
Distribution



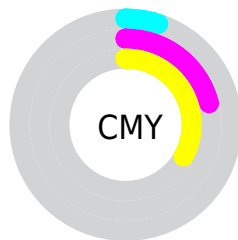
- Red (95%)
- Green (79%)
- Blue (67%)



- Red (95%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2743, 0.3686, 0.3615 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 64.2743, 0.3686, 0.3615 by changing the saturation by 10% instead.


 64.2743, 0.3686,
0.3615

 64.2743, 0.3686,
0.3615


440.1795, 0.3420,
0.3467

 46.8729, 0.3748,
0.3648


 111.0059, 0.3592,
0.3564

 32.9352, 0.3826,
0.3688


141.1048, 0.3556,
0.3544

 22.0768, 0.3925,
0.3737


176.2051, 0.3526,
0.3527

 13.9133, 0.4056,
0.3800

216.6910, 0.3499,
0.3512

 8.0604, 0.4237,
0.3880

262.9470, 0.3475,
0.3499

 4.1336, 0.4498,
0.3983

315.3575, 0.3455,

 1.7486, 0.5077,

0.3487

0.4255

374.3069, 0.3436,
0.3476

0.4548, 0.5999,
0.4001

0.0000, 0.0000,
0.0000

64.2743, 0.3686,
0.3615

64.2743, 0.3686,
0.3615

57.1348, 0.3935,
0.3731

72.1902, 0.3468,
0.3499

50.7374, 0.4214,
0.3839

80.8974, 0.3278,
0.3387

45.0584, 0.4517,
0.3931

90.4217, 0.3115,
0.3282

40.0691, 0.4831,
0.3993

97.7994, 0.3054,
0.3290

■ 35.7382, 0.5139,
0.4012

■ 32.0312, 0.5416,
0.3978

■ 28.9040, 0.5645,
0.3894

■ 28.6815, 0.5662,
0.3887

Harmonies

Analogous

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



64.2743, 0.3668, 0.3390



64.2743, 0.3686, 0.3615



64.2743, 0.3548, 0.3768

Triad

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



64.2743, 0.3686, 0.3615



64.2743, 0.2764, 0.3422



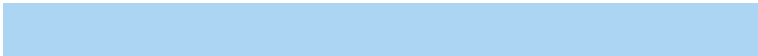
64.2743, 0.2937, 0.2836

Complementary

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



64.2743, 0.3686, 0.3615



62.8560, 0.2666, 0.2940

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.



64.2743, 0.2711, 0.2826



64.2743, 0.3686, 0.3615



64.2743, 0.2615, 0.3150

Square

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



64.2743, 0.3686, 0.3615



64.2743, 0.3012, 0.3665



64.2743, 0.2596, 0.2935



64.2743, 0.3225, 0.2954

Rectangle

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



64.2743, 0.3686, 0.3615



64.2743, 0.3391, 0.3802



64.2743, 0.2596, 0.2935



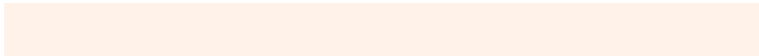
64.2743, 0.2852, 0.2819

Sweetspot

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



64.2773, 0.3686, 0.3615



90.4383, 0.3275, 0.3385



53.3961, 0.3405, 0.2850



19.0417, 0.3301, 0.3401



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.



64.2773, 0.3686, 0.3615



66.9198, 0.3828, 0.3683



82.6697, 0.3585, 0.3966



17.6325, 0.3283, 0.3390



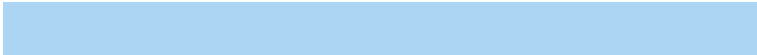
15.9912, 0.5634, 0.3908



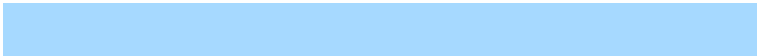
1.6043, 0.5412, 0.4085

Inverse Universe

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



62.8560, 0.2666, 0.2940



65.0902, 0.2573, 0.2857



47.0585, 0.2619, 0.2510



17.5171, 0.2980, 0.3188



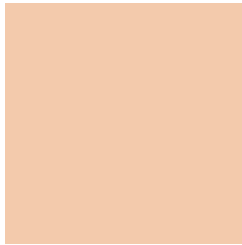
14.1836, 0.1846, 0.1844



1.4498, 0.1901, 0.2043

Previews

White Background



This preview shows how the Yxy color 64.2743, 0.3686, 0.3615 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 64.2743, 0.3686, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

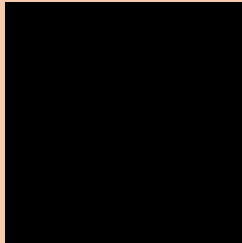
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2743, 0.3686, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 64.2743, 0.3686, 0.3615.



This preview shows how white text looks on a background with the Yxy color 64.2743, 0.3686, 0.3615.

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

64.2743, 0.3686, 0.3615

Protanopia

64.7574, 0.3464, 0.3677

Deuteranopia

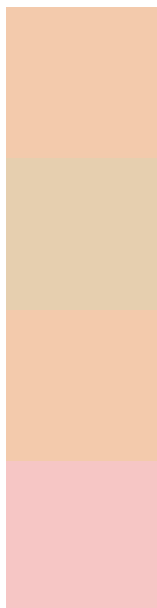
64.2743, 0.3686, 0.3615



Tritanopia

64.0075, 0.3415, 0.3123

Trichromacy



Original Color

64.2743, 0.3686, 0.3615

Protanomaly

64.5438, 0.3543, 0.3648

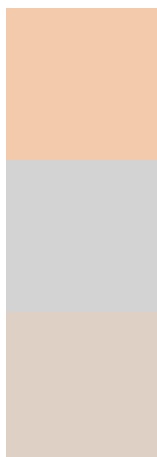
Deuteranomaly

64.2743, 0.3686, 0.3615

Tritanomaly

64.0122, 0.3522, 0.3302

Monochromacy



Original Color

64.2743, 0.3686, 0.3615

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8309, 0.3321, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2743, 0.3686, 0.3615 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, 202, 172)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 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(243, 202, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 172) }
```

Border

The CSS property to change the border of an element to Yxy 64.2743, 0.3686, 0.3615 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, 202, 172) }
```

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

```
.border{ border-color:rgb(243, 202, 172) }
```

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

Here you see how a box with a 4 pixel rgb(243, 202, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 172);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2743, 0.3686, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 172) }
```

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

```
.background{ background-color: rgb(243,  
202, 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](#).

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