

Converting Colors

Yxy(65.6872, 0.3647, 0.3638)

Have a look what the booklet for
Yxy(65.6872, 0.3647, 0.3638)
contains.

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Color

Yxy(65.8994, 0.3642, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	F1CEAE
RGB	241, 206, 174
RGB Percent	95%, 81%, 68%
CMY	0.0549, 0.1921, 0.3175
CMYK	0.00, 0.15, 0.28, 0.05
HSL	29°, 71%, 81%
HSV	29°, 28%, 95%
XYZ	65.9900, 65.8994, 49.3022
YIQ	212.8170, 31.1320, -2.5320

Conversions

Conversions Part 2

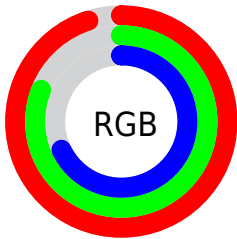
Format	Color
R _Y B	241, 235, 174
Decimal	15847086
CIE Lab	84.95, 7.63, 20.46
CIE LCh	85, 21.841, 69.545
Yxy	65.8994, 0.3642, 0.3637
Android (android.graphics.Color)	4294037166 (0xFFFF1CEAE)
YUV	212.8170, -19.1368, 24.7165
Hunter-Lab	81.1784, 3.0405, 20.8162

Details

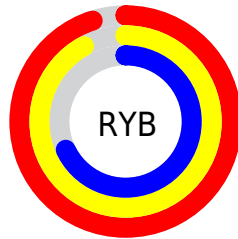
The Yxy color **65.8994, 0.3642, 0.3637** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9707, 0.2685, 0.2915**, and the grayscale version is **66.5289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **34.0273, 0.3772, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **59.2213, 0.3876, 0.3767**, and if you desaturate by 10%, it is **73.2382, 0.3434, 0.3507**.

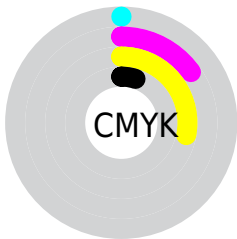
Distribution



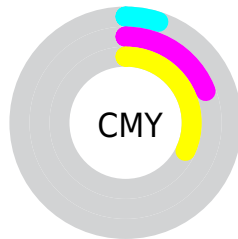
- Red (95%)
- Green (81%)
- Blue (68%)



- Red (95%)
- Yellow (92%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8994, 0.3642, 0.3637 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 65.8994, 0.3642, 0.3637 by changing the saturation by 10% instead.


 65.8994, 0.3642,
0.3637

 65.8994, 0.3642,
0.3637

446.0170, 0.3398,
0.3478

 48.1907, 0.3699,
0.3673


 113.3419, 0.3557,
0.3582

 33.9780, 0.3769,
0.3716


143.8446, 0.3524,
0.3561

 22.8767, 0.3859,
0.3771


179.3807, 0.3495,
0.3542

 14.5025, 0.3977,
0.3840

220.3347, 0.3471,
0.3526

 8.4710, 0.4139,
0.3930

267.0909, 0.3449,
0.3512

 4.3978, 0.4371,
0.4050

320.0338, 0.3430,

 1.8985, 0.4844,

0.3499

0.4313

379.5477, 0.3414,
0.3488

0.5475, 0.5635,
0.4365

0.0000, 0.0000,
0.0000

65.8994, 0.3642,
0.3637

65.8994, 0.3642,
0.3637

59.2213, 0.3876,
0.3767

73.2382, 0.3434,
0.3507

53.1745, 0.4136,
0.3891

81.2479, 0.3252,
0.3382

47.7405, 0.4415,
0.3999

89.9500, 0.3094,
0.3265

42.8959, 0.4703,
0.4079

97.4413, 0.3041,
0.3290

■ 38.6158, 0.4985,
0.4117

■ 34.8720, 0.5241,
0.4103

■ 31.6309, 0.5455,
0.4035

■ 30.9738, 0.5499,
0.4016

Harmonies

Analogous

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



65.8994, 0.3656, 0.3433



65.8994, 0.3642, 0.3637



65.8994, 0.3485, 0.3760

Triad

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



65.8994, 0.3642, 0.3637



65.8994, 0.2744, 0.3362



65.8994, 0.3001, 0.2873

Complementary

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



65.8994, 0.3642, 0.3637



60.9707, 0.2685, 0.2915

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.



65.8994, 0.2769, 0.2841



65.8994, 0.3642, 0.3637



65.8994, 0.2626, 0.3110

Square

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



65.8994, 0.3642, 0.3637



65.8994, 0.2965, 0.3604



65.8994, 0.2635, 0.2923



65.8994, 0.3277, 0.3004

Rectangle

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



65.8994, 0.3642, 0.3637



65.8994, 0.3325, 0.3772



65.8994, 0.2635, 0.2923



65.8994, 0.2915, 0.2850

Sweetspot

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



65.9024, 0.3642, 0.3637



92.1403, 0.3256, 0.3385



53.6268, 0.3416, 0.2907



19.4176, 0.3282, 0.3404



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.



65.9024, 0.3642, 0.3637



70.7935, 0.3763, 0.3706



83.3572, 0.3553, 0.3964



17.0037, 0.3281, 0.3403



17.0625, 0.5473, 0.4037



1.6175, 0.5260, 0.4205

Inverse Universe

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



60.9707, 0.2685, 0.2915



64.3749, 0.2598, 0.2831



46.5084, 0.2644, 0.2513



16.5958, 0.2980, 0.3174



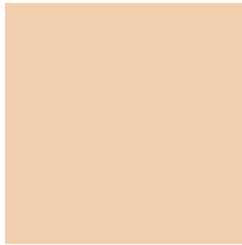
11.8013, 0.1793, 0.1655



1.1810, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 65.8994, 0.3642, 0.3637 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 65.8994, 0.3642, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

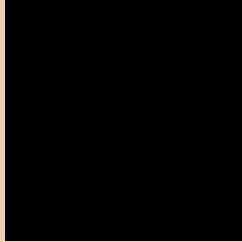
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8994, 0.3642, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 65.8994, 0.3642, 0.3637.



This preview shows how white text looks on a background with the Yxy color 65.8994, 0.3642, 0.3637.

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

65.8994, 0.3642, 0.3637

Protanopia

66.1086, 0.3468, 0.3685

Deuteranopia

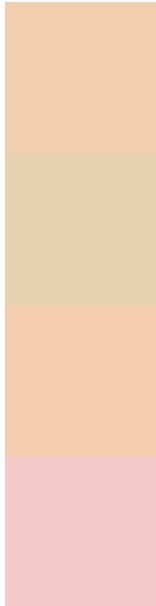
65.8346, 0.3689, 0.3612



Tritanopia

65.8593, 0.3370, 0.3124

Trichromacy



Original Color

65.8994, 0.3642, 0.3637

Protanomaly

66.0508, 0.3528, 0.3669

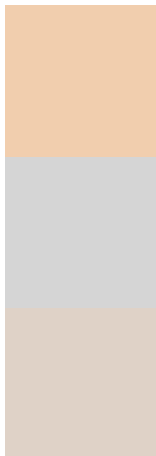
Deuteranomaly

65.9517, 0.3669, 0.3624

Tritanomaly

65.6912, 0.3467, 0.3302

Monochromacy



Original Color

65.8994, 0.3642, 0.3637

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9047, 0.3304, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8994, 0.3642, 0.3637 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(241, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 174)  
}
```

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(241, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 174) }
```

Border

The CSS property to change the border of an element to Yxy 65.8994, 0.3642, 0.3637 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(241, 206, 174) }
```

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

```
.border{ border-color:rgb(241, 206, 174) }
```

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

Here you see how a box with a 4 pixel rgb(241, 206, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(241, 206,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8994, 0.3642, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 206, 174) }
```

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

```
.background{ background-color: rgb(241,  
206, 174) }
```

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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