

Converting Colors

Yxy(66.7384, 0.3489, 0.3420)

Have a look what the booklet for
Yxy(66.7384, 0.3489, 0.3420)
contains.

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Color

Yxy(66.7384, 0.3489, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	F1CEC2
RGB	241, 206, 194
RGB Percent	95%, 81%, 76%
CMY	0.0549, 0.1921, 0.2393
CMYK	0.00, 0.15, 0.20, 0.05
HSL	15°, 63%, 85%
HSV	15°, 20%, 95%
XYZ	68.0849, 66.7384, 60.3182
YIQ	215.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

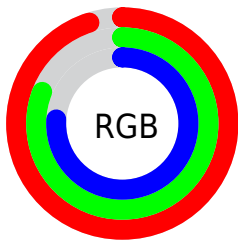
Format	Color
R _Y B	241, 210, 194
Decimal	15847106
CIE Lab	85.37, 10.43, 10.52
CIE LCh	85, 14.815, 45.247
Yxy	66.7384, 0.3489, 0.3420
Android (android.graphics.Color)	4294037186 (0xFFFF1CEC2)
YUV	215.0970, -10.4008, 22.7169
Hunter-Lab	81.6936, 5.8013, 13.4089

Details

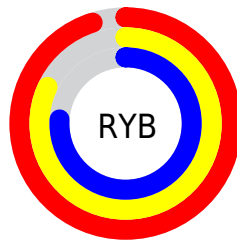
The Yxy color **66.7384, 0.3489, 0.3420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8475, 0.2827, 0.3156**, and the grayscale version is **68.0849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **34.5403, 0.3578, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **57.5950, 0.3729, 0.3491**, and if you desaturate by 10%, it is **77.0492, 0.3288, 0.3351**.

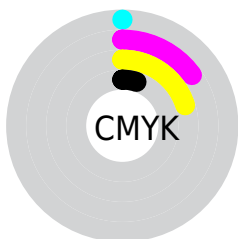
Distribution



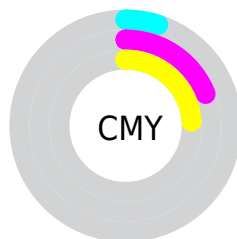
- Red (95%)
- Green (81%)
- Blue (76%)



- Red (95%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7384, 0.3489, 0.3420 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 66.7384, 0.3489, 0.3420 by changing the saturation by 10% instead.


 66.7384, 0.3489,
0.3420

 66.7384, 0.3489,
0.3420


449.0130, 0.3318,
0.3361

 48.8721, 0.3529,
0.3433


 114.5455, 0.3429,
0.3400

 34.5180, 0.3579,
0.3449

145.2550, 0.3406,
0.3392

 23.2918, 0.3643,
0.3468


181.0144, 0.3386,
0.3385

 14.8091, 0.3729,
0.3493

222.2081, 0.3368,
0.3379

 8.6855, 0.3847,
0.3526

269.2203, 0.3353,
0.3374

 4.5366, 0.4023,
0.3569

322.4357, 0.3340,

 1.9781, 0.4309,

0.3369

0.3627

382.2384, 0.3328,
0.3365

0.5947, 0.5796,
0.4204

0.0000, 0.0000,
0.0000

66.7384, 0.3489,
0.3420

66.7384, 0.3489,
0.3420

57.5950, 0.3729,
0.3491

77.0492, 0.3288,
0.3351

49.5685, 0.4014,
0.3562

88.5576, 0.3120,
0.3287

42.6179, 0.4343,
0.3627

97.4426, 0.3042,
0.3290

36.6963, 0.4713,
0.3678

■ 31.7532, 0.5106,
0.3703

■ 27.7333, 0.5492,
0.3693

■ 24.5755, 0.5828,
0.3639

■ 22.2050, 0.6080,
0.3550

■ 22.1076, 0.6091,
0.3545

Harmonies

Analogous

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



66.7384, 0.3416, 0.3263



66.7384, 0.3489, 0.3420



66.7384, 0.3461, 0.3549

Triad

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



66.7384, 0.3489, 0.3420



66.7384, 0.2986, 0.3472



66.7384, 0.2910, 0.2981

Complementary

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



66.7384, 0.3489, 0.3420



73.8475, 0.2827, 0.3156

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.



66.7384, 0.2802, 0.3026



66.7384, 0.3489, 0.3420



66.7384, 0.2845, 0.3307

Square

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



66.7384, 0.3489, 0.3420



66.7384, 0.3168, 0.3586



66.7384, 0.2779, 0.3143



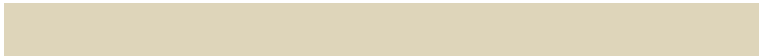
66.7384, 0.3078, 0.3015

Rectangle

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



66.7384, 0.3489, 0.3420



66.7384, 0.3390, 0.3601



66.7384, 0.2779, 0.3143



66.7384, 0.2866, 0.2987

Sweetspot

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



66.7414, 0.3489, 0.3420



92.0018, 0.3225, 0.3328



62.9475, 0.3237, 0.2921



19.5123, 0.3237, 0.3333



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.



66.7414, 0.3489, 0.3420



72.0228, 0.3570, 0.3445



78.7750, 0.3443, 0.3660



16.4157, 0.3287, 0.3351



12.1699, 0.6064, 0.3567



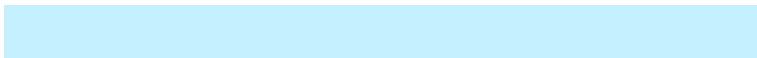
1.1671, 0.5809, 0.3770

Inverse Universe

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



73.8475, 0.2827, 0.3156



81.3245, 0.2773, 0.3129



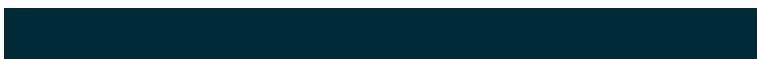
61.8334, 0.2810, 0.2890



17.2047, 0.2981, 0.3228



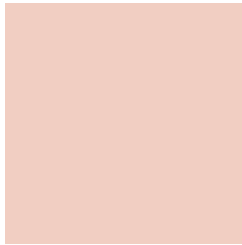
21.2364, 0.2011, 0.2440



1.9251, 0.2046, 0.2565

Previews

White Background



This preview shows how the Yxy color 66.7384, 0.3489, 0.3420 looks on a white background.

Color Contrast Check

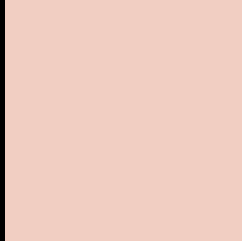
Large Text (above 18pt) WCAG AA × Fail

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 66.7384, 0.3489, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

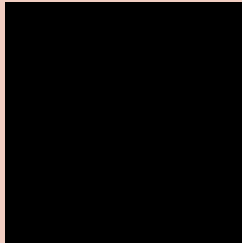
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7384, 0.3489, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 66.7384, 0.3489, 0.3420.



This preview shows how white text looks on a background with the Yxy color 66.7384, 0.3489, 0.3420.

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

66.7384, 0.3489, 0.3420

Protanopia

67.0379, 0.3292, 0.3458

Deuteranopia

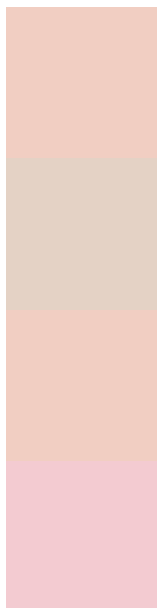
66.7384, 0.3489, 0.3420



Tritanopia

66.5361, 0.3337, 0.3123

Trichromacy



Original Color

66.7384, 0.3489, 0.3420

Protanomaly

66.6184, 0.3357, 0.3434

Deuteranomaly

66.7384, 0.3489, 0.3420

Tritanomaly

66.3700, 0.3395, 0.3227

Monochromacy



Original Color

66.7384, 0.3489, 0.3420

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4393, 0.3252, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7384, 0.3489, 0.3420 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 194) }
```

Border

The CSS property to change the border of an element to Yxy 66.7384, 0.3489, 0.3420 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, 194) }
```

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

```
.border{ border-color:rgb(241, 206, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 206,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7384, 0.3489, 0.3420 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, 194) }
```

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

```
.background{ background-color: rgb(241,  
206, 194) }
```

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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