

Converting Colors

Yxy(66.6614, 0.3432, 0.3399)

Have a look what the booklet for
Yxy(66.6614, 0.3432, 0.3399)
contains.

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Color

Yxy(66.6614, 0.3432, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	EDCFC5
RGB	237, 207, 197
RGB Percent	93%, 81%, 77%
CMY	0.0707, 0.1882, 0.2274
CMYK	0.00, 0.13, 0.17, 0.07
HSL	15°, 53%, 85%
HSV	15°, 17%, 93%
XYZ	67.3086, 66.6614, 62.1506
YIQ	214.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

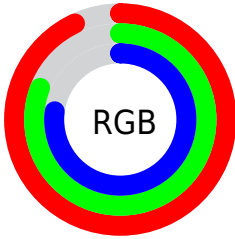
Format	Color
R _Y B	237, 210, 197
Decimal	15585221
CIE Lab	85.33, 8.89, 8.81
CIE LCh	85, 12.515, 44.725
Yxy	66.6614, 0.3432, 0.3399
Android (android.graphics.Color)	4293775301 (0xFFEDCFC5)
YUV	214.8300, -8.7902, 19.4431
Hunter-Lab	81.6464, 4.2726, 12.0200

Details

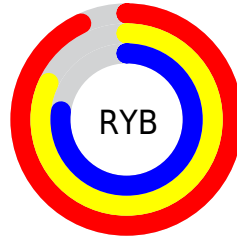
The Yxy color **66.6614, 0.3432, 0.3399** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9034, 0.2867, 0.3178**, and the grayscale version is **67.8841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.5894, 0.3513, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **57.5322, 0.3662, 0.3468**, and if you desaturate by 10%, it is **76.9358, 0.3240, 0.3333**.

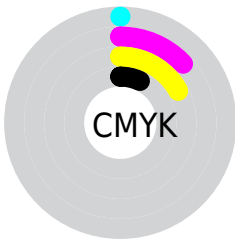
Distribution



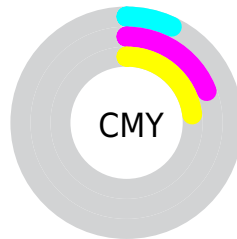
- Red (93%)
- Green (81%)
- Blue (77%)



- Red (93%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6614, 0.3432, 0.3399 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 66.6614, 0.3432, 0.3399 by changing the saturation by 10% instead.


 66.6614, 0.3432,
0.3399

 66.6614, 0.3432,
0.3399


448.7386, 0.3288,
0.3350

 48.8095, 0.3466,
0.3410


114.4351, 0.3381,
0.3382

 34.4684, 0.3508,
0.3424


145.1257, 0.3362,
0.3375

 23.2537, 0.3562,
0.3440

180.8646, 0.3345,
0.3370

 14.7809, 0.3634,
0.3462

222.0363, 0.3331,
0.3365

 8.6658, 0.3734,
0.3491

269.0252, 0.3318,
0.3360

 4.5238, 0.3883,
0.3530

322.2156, 0.3307,

 1.9707, 0.4126,

0.3356

0.3585

381.9919, 0.3297,
0.3353

0.5904, 0.5576,
0.4230

0.0000, 0.0000,
0.0000

66.6614, 0.3432,
0.3399

66.6614, 0.3432,
0.3399

57.5322, 0.3662,
0.3468

76.9358, 0.3240,
0.3333

49.4993, 0.3935,
0.3538

88.3843, 0.3080,
0.3271

42.5235, 0.4254,
0.3604

96.7387, 0.3017,
0.3290

36.5598, 0.4615,
0.3658

■ 31.5596, 0.5006,
0.3691

■ 27.4705, 0.5400,
0.3690

■ 24.2343, 0.5755,
0.3648

■ 21.7846, 0.6029,
0.3565

■ 21.1602, 0.6101,
0.3538

Harmonies

Analogous

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



66.6614, 0.3369, 0.3266



66.6614, 0.3432, 0.3399



66.6614, 0.3410, 0.3508

Triad

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



66.6614, 0.3432, 0.3399



66.6614, 0.3011, 0.3446



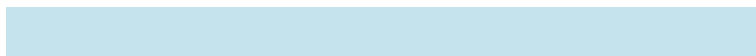
66.6614, 0.2941, 0.3028

Complementary

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



66.6614, 0.3432, 0.3399



72.9034, 0.2867, 0.3178

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.



66.6614, 0.2850, 0.3068



66.6614, 0.3432, 0.3399



66.6614, 0.2890, 0.3308

Square

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



66.6614, 0.3432, 0.3399



66.6614, 0.3165, 0.3540



66.6614, 0.2832, 0.3169



66.6614, 0.3083, 0.3055

Rectangle

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



66.6614, 0.3432, 0.3399



66.6614, 0.3352, 0.3552



66.6614, 0.2832, 0.3169



66.6614, 0.2904, 0.3034

Sweetspot

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



66.6644, 0.3432, 0.3399



93.2584, 0.3208, 0.3321



63.4828, 0.3220, 0.2973



19.7644, 0.3220, 0.3326



0.0000, 0.0000, 0.0000



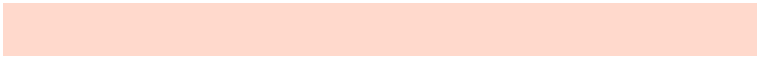
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6644, 0.3432, 0.3399



75.1259, 0.3502, 0.3421



76.9570, 0.3397, 0.3608



15.6667, 0.3287, 0.3350



11.7316, 0.6074, 0.3559



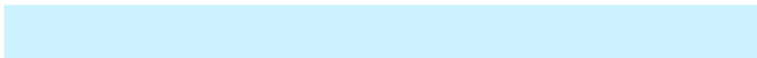
1.0702, 0.5805, 0.3773

Inverse Universe

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



72.9034, 0.2867, 0.3178



83.6998, 0.2818, 0.3155



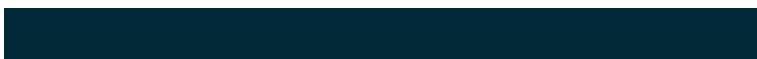
62.6117, 0.2857, 0.2950



16.4461, 0.2981, 0.3230



20.8687, 0.2017, 0.2460



1.7894, 0.2052, 0.2588

Previews

White Background



This preview shows how the Yxy color 66.6614, 0.3432, 0.3399 looks on a white background.

Color Contrast Check

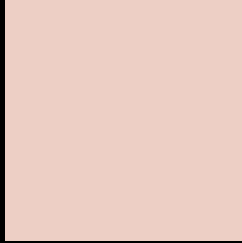
Large Text (above 18pt) WCAG AA × Fail

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 66.6614, 0.3432, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

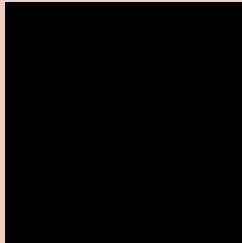
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6614, 0.3432, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 66.6614, 0.3432, 0.3399.

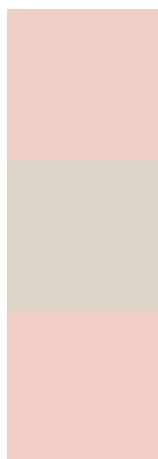


This preview shows how white text looks on a background with the Yxy color 66.6614, 0.3432, 0.3399.

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

66.6614, 0.3432, 0.3399

Protanopia

66.9743, 0.3270, 0.3436

Deuteranopia

66.6991, 0.3458, 0.3388



Tritanopia

66.8783, 0.3288, 0.3122

Trichromacy



Original Color

66.6614, 0.3432, 0.3399

Protanomaly

66.8808, 0.3325, 0.3423

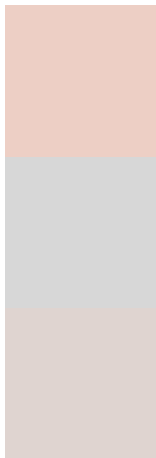
Deuteranomaly

66.5246, 0.3450, 0.3388

Tritanomaly

66.7668, 0.3339, 0.3216

Monochromacy



Original Color

66.6614, 0.3432, 0.3399

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3290, 0.3237, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6614, 0.3432, 0.3399 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(237, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 197)  
}
```

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(237, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.6614, 0.3432, 0.3399 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(237, 207, 197) }
```

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

```
.border{ border-color:rgb(237, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(237, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6614, 0.3432, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 207, 197) }
```

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

```
.background{ background-color: rgb(237,  
207, 197) }
```

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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