

Converting Colors

$Yxy(66.3954, 0.3459, 0.3367)$

Have a look what the booklet for
Yxy(66.3954, 0.3459, 0.3367)
contains.

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Color

Yxy(66.4406, 0.3460, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	F1CDC6
RGB	241, 205, 198
RGB Percent	95%, 80%, 78%
CMY	0.0550, 0.1960, 0.2235
CMYK	0.00, 0.15, 0.18, 0.05
HSL	10°, 61%, 86%
HSV	10°, 18%, 95%
XYZ	68.2960, 66.4406, 62.6508
YIQ	214.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

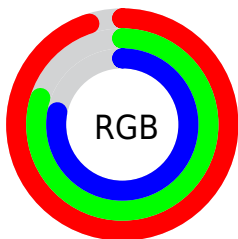
Format	Color
R _Y B	241, 206, 198
Decimal	15846854
CIE Lab	85.22, 11.54, 8.17
CIE LCh	85, 14.142, 35.289
Yxy	66.4406, 0.3460, 0.3366
Android (android.graphics.Color)	4294036934 (0xFFF1CDC6)
YUV	214.9660, -8.3642, 22.8318
Hunter-Lab	81.5111, 6.9161, 11.4865

Details

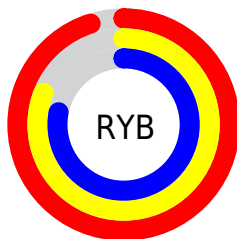
The Yxy color **66.4406, 0.3460, 0.3366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1874, 0.2854, 0.3213**, and the grayscale version is **67.9774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3372, 0.3540, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **56.3827, 0.3704, 0.3412**, and if you desaturate by 10%, it is **77.9252, 0.3259, 0.3322**.

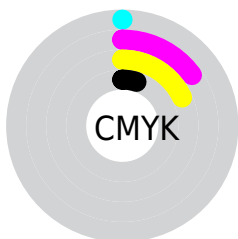
Distribution



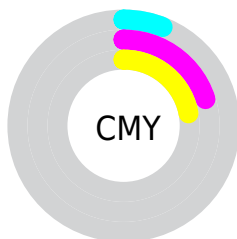
- Red (95%)
- Green (80%)
- Blue (78%)



- Red (95%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (5%)





- Cyan (6%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4406, 0.3460, 0.3366 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 66.4406, 0.3460, 0.3366 by changing the saturation by 10% instead.


 66.4406, 0.3460,
0.3366

 66.4406, 0.3460,
0.3366

447.9510, 0.3302,
0.3332

 48.6302, 0.3497,
0.3373


114.1185, 0.3405,
0.3355

 34.3262, 0.3543,
0.3382


144.7547, 0.3383,
0.3350

 23.1443, 0.3602,
0.3393


180.4350, 0.3365,
0.3346

 14.7001, 0.3681,
0.3406

221.5437, 0.3349,
0.3343

 8.6092, 0.3791,
0.3423

268.4653, 0.3335,
0.3340

 4.4872, 0.3955,
0.3445

321.5841, 0.3323,

 1.9496, 0.4223,

0.3337

0.3471

381.2845, 0.3312,
0.3335

0.5780, 0.5665,
0.3939

0.0000, 0.0000,
0.0000

66.4406, 0.3460,
0.3366

66.4406, 0.3460,
0.3366

56.3827, 0.3704,
0.3412

77.9252, 0.3259,
0.3322

47.6870, 0.3999,
0.3458

90.8799, 0.3094,
0.3281

40.2972, 0.4348,
0.3500

97.4382, 0.3041,
0.3290

34.1499, 0.4747,
0.3532

■ 29.1760, 0.5177,
0.3546

■ 25.2998, 0.5601,
0.3534

■ 22.4364, 0.5964,
0.3492

■ 20.4861, 0.6217,
0.3425

■ 20.1691, 0.6260,
0.3412

Harmonies

Analogous

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



66.4406, 0.3362, 0.3215



66.4406, 0.3460, 0.3366



66.4406, 0.3466, 0.3502

Triad

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



66.4406, 0.3460, 0.3366



66.4406, 0.3048, 0.3508



66.4406, 0.2877, 0.3000

Complementary

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



66.4406, 0.3460, 0.3366



77.1874, 0.2854, 0.3213

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.



66.4406, 0.2799, 0.3068



66.4406, 0.3460, 0.3366



66.4406, 0.2896, 0.3362

Square

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



66.4406, 0.3460, 0.3366



66.4406, 0.3225, 0.3591



66.4406, 0.2805, 0.3199



66.4406, 0.3023, 0.3008

Rectangle

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



66.4406, 0.3460, 0.3366



66.4406, 0.3417, 0.3567



66.4406, 0.2805, 0.3199



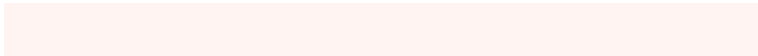
66.4406, 0.2842, 0.3014

Sweetspot

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



66.4436, 0.3460, 0.3366



92.5856, 0.3209, 0.3310



65.0585, 0.3194, 0.2911



19.6014, 0.3221, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

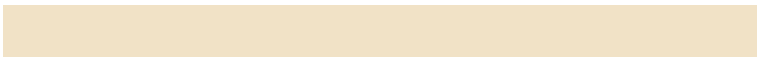
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4436, 0.3460, 0.3366



71.6820, 0.3534, 0.3381



77.1360, 0.3422, 0.3584



16.1752, 0.3289, 0.3329



11.0667, 0.6238, 0.3429



1.0422, 0.6011, 0.3609

Inverse Universe

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



77.1874, 0.2854, 0.3213



85.7739, 0.2807, 0.3197



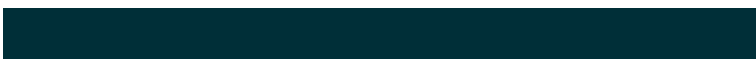
65.9675, 0.2842, 0.2977



17.4644, 0.2981, 0.3251



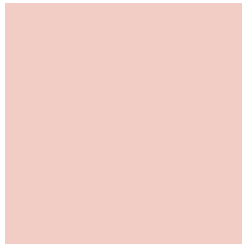
26.4422, 0.2101, 0.2762



2.3156, 0.2122, 0.2839

Previews

White Background



This preview shows how the Yxy color 66.4406, 0.3460, 0.3366 looks on a white background.

Color Contrast Check

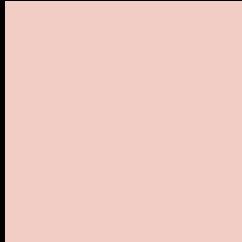
Large Text (above 18pt) WCAG AA × Fail

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 66.4406, 0.3460, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

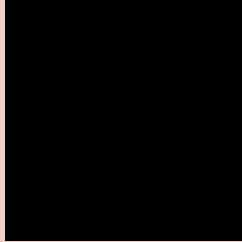
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4406, 0.3460, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 66.4406, 0.3460, 0.3366.



This preview shows how white text looks on a background with the Yxy color 66.4406, 0.3460, 0.3366.

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

66.4406, 0.3460, 0.3366

Protanopia

66.5669, 0.3257, 0.3402

Deuteranopia

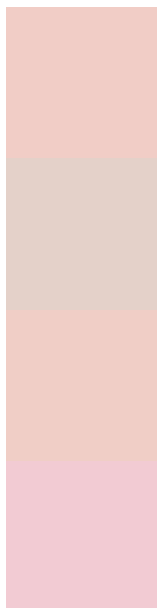
66.5706, 0.3442, 0.3377



Tritanopia

66.3577, 0.3329, 0.3123

Trichromacy



Original Color

66.4406, 0.3460, 0.3366

Protanomaly

66.3120, 0.3329, 0.3379

Deuteranomaly

66.7451, 0.3450, 0.3377

Tritanomaly

66.2923, 0.3372, 0.3206

Monochromacy



Original Color

66.4406, 0.3460, 0.3366

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0393, 0.3238, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4406, 0.3460, 0.3366 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, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 198)  
}
```

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, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 198) }
```

Border

The CSS property to change the border of an element to Yxy 66.4406, 0.3460, 0.3366 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, 205, 198) }
```

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

```
.border{ border-color:rgb(241, 205, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 205, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 205, 198); box-shadow:4px 4px 4px 4px rgb(241, 205, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4406, 0.3460, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 198) }
```

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

```
.background{ background-color: rgb(241,  
205, 198) }
```

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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