

Converting Colors

$Yxy(66.6500, 0.3448, 0.3307)$

Have a look what the booklet for
Yxy(66.6500, 0.3448, 0.3307)
contains.

Yxy(66.7306, 0.3448, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.7306, 0.3448, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	F4CCCB
RGB	244, 204, 203
RGB Percent	96%, 80%, 80%
CMY	0.0431, 0.2000, 0.2041
CMYK	0.00, 0.16, 0.17, 0.04
HSL	2°, 65%, 88%
HSV	2°, 17%, 96%
XYZ	69.6811, 66.7306, 65.6797
YIQ	215.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

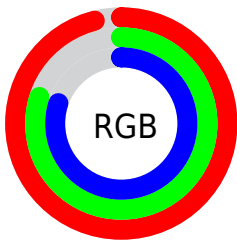
Format	Color
RYB	244, 204, 203
Decimal	16043211
CIELab	85.37, 13.92, 5.78
CIElCh	85, 15.071, 22.571
Yxy	66.7306, 0.3448, 0.3302
Android (android.graphics.Color)	4294233291 (0xFFFF4CCCB)
YUV	215.8460, -6.3331, 24.6911
Hunter-Lab	81.6888, 9.3064, 9.5116

Details

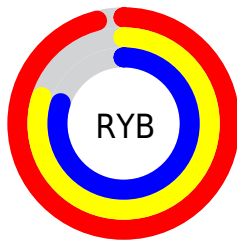
The Yxy color $66.7306, 0.3448, 0.3302$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.3083, 0.2872, 0.3278$, and the grayscale version is $68.5919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.5474, 0.3523, 0.3305$ is the 20% darker color. If you saturate the color by 10%, you get $55.2060, 0.3704, 0.3310$, and if you desaturate by 10%, it is $80.1701, 0.3243, 0.3295$.

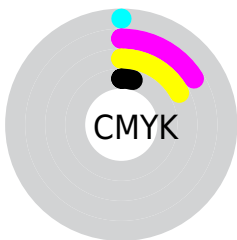
Distribution



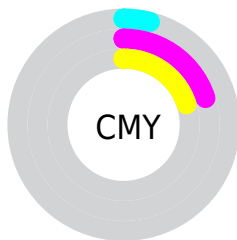
- Red (96%)
- Green (80%)
- Blue (80%)



- Red (96%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7306, 0.3448, 0.3302 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 66.7306, 0.3448, 0.3302 by changing the saturation by 10% instead.


 66.7306, 0.3448,
0.3302

 66.7306, 0.3448,
0.3302


448.9852, 0.3296,
0.3298

 48.8657, 0.3484,
0.3302


114.5343, 0.3395,
0.3301

 34.5130, 0.3528,
0.3303


145.2419, 0.3374,
0.3301

 23.2880, 0.3585,
0.3303


180.9992, 0.3356,
0.3300

 14.8063, 0.3660,
0.3302

222.1907, 0.3341,
0.3300

 8.6835, 0.3766,
0.3300

269.2006, 0.3328,
0.3299

 4.5353, 0.3923,
0.3294

322.4134, 0.3316,

 1.9773, 0.4180,

0.3299

0.3278

382.2135, 0.3306,
0.3299

0.5942, 0.5199,
0.3409

0.0000, 0.0000,
0.0000

66.7306, 0.3448,
0.3302

66.7306, 0.3448,
0.3302

55.2060, 0.3704,
0.3310

80.1701, 0.3243,
0.3295

45.5007, 0.4020,
0.3318

95.5966, 0.3079,
0.3288

37.5245, 0.4401,
0.3325

97.9766, 0.3060,
0.3290

31.1760, 0.4844,
0.3331

■ 26.3431, 0.5321,
0.3333

■ 22.8995, 0.5777,
0.3330

■ 20.6988, 0.6140,
0.3322

■ 19.5613, 0.6348,
0.3310

■ 19.3716, 0.6388,
0.3310

Harmonies

Analogous

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



66.7306, 0.3309, 0.3148



66.7306, 0.3448, 0.3302



66.7306, 0.3498, 0.3458

Triad

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



66.7306, 0.3448, 0.3302



66.7306, 0.3122, 0.3570



66.7306, 0.2816, 0.3003

Complementary

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



66.7306, 0.3448, 0.3302



83.3083, 0.2872, 0.3278

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.



66.7306, 0.2770, 0.3105



66.7306, 0.3448, 0.3302



66.7306, 0.2943, 0.3438

Square

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



66.7306, 0.3448, 0.3302



66.7306, 0.3306, 0.3620



66.7306, 0.2816, 0.3265



66.7306, 0.2944, 0.2977

Rectangle

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



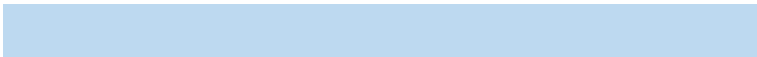
66.7306, 0.3448, 0.3302



66.7306, 0.3474, 0.3544



66.7306, 0.2816, 0.3265



66.7306, 0.2790, 0.3029

Sweetspot

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



66.7336, 0.3448, 0.3302



91.5329, 0.3210, 0.3293



68.4194, 0.3152, 0.2879



19.3467, 0.3223, 0.3294



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.



66.7336, 0.3448, 0.3302



69.4258, 0.3524, 0.3305



76.9504, 0.3413, 0.3512



16.5501, 0.3293, 0.3297



10.5609, 0.6382, 0.3314



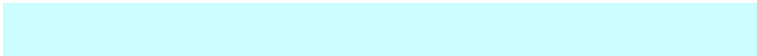
0.9516, 0.6336, 0.3351

Inverse Universe

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



83.3083, 0.2872, 0.3278



90.7509, 0.2826, 0.3276



71.8938, 0.2862, 0.3058



18.6811, 0.2981, 0.3283



36.7647, 0.2225, 0.3210



3.2538, 0.2228, 0.3220

Previews

White Background



This preview shows how the Yxy color 66.7306, 0.3448, 0.3302 looks on a white background.

Color Contrast Check

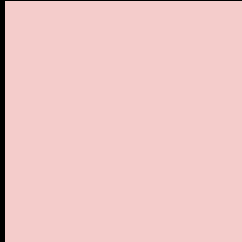
Large Text (above 18pt) WCAG AA × Fail

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 66.7306, 0.3448, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

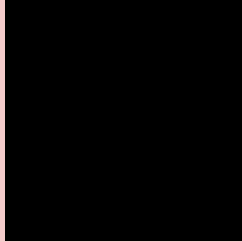
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7306, 0.3448, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 66.7306, 0.3448, 0.3302.

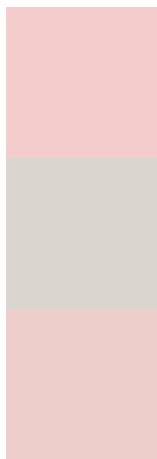


This preview shows how white text looks on a background with the Yxy color 66.7306, 0.3448, 0.3302.

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

66.7306, 0.3448, 0.3302

Protanopia

67.2026, 0.3206, 0.3346

Deuteranopia

66.6316, 0.3397, 0.3323



Tritanopia

66.8436, 0.3360, 0.3134

Trichromacy



Original Color

66.7306, 0.3448, 0.3302

Protanomaly

67.0434, 0.3291, 0.3334

Deuteranomaly

66.4997, 0.3414, 0.3312

Tritanomaly

66.8778, 0.3388, 0.3196

Monochromacy



Original Color

66.7306, 0.3448, 0.3302

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9589, 0.3238, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7306, 0.3448, 0.3302 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(244, 204, 203)` looks like.

```
.text, #text, p{  
    color:rgb(244, 204, 203)  
}
```

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(244, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 204, 203) }
```

Border

The CSS property to change the border of an element to Yxy 66.7306, 0.3448, 0.3302 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(244, 204, 203) }
```

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

```
.border{ border-color:rgb(244, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(244, 204,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7306, 0.3448, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 204, 203) }
```

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

```
.background{ background-color: rgb(244,  
204, 203) }
```

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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