

Converting Colors

$Y_{xy}(66.0020, 0.3509, 0.3319)$

Have a look what the booklet for
Yxy(66.0020, 0.3509, 0.3319)
contains.

Yxy(66.1387, 0.3506, 0.3323)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.1387, 0.3506, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	F7CAC7
RGB	247, 202, 199
RGB Percent	97%, 79%, 78%
CMY	0.0314, 0.2078, 0.2197
CMYK	0.00, 0.18, 0.19, 0.03
HSL	4°, 75%, 87%
HSV	4°, 19%, 97%
XYZ	69.7810, 66.1387, 63.1134
YIQ	215.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

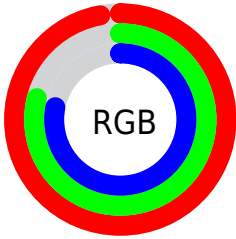
Format	Color
R _Y B	247, 202, 199
Decimal	16239303
CIE Lab	85.07, 15.43, 7.50
CIE LCh	85, 17.153, 25.916
Yxy	66.1387, 0.3506, 0.3323
Android (android.graphics.Color)	4294429383 (0xFFF7CAC7)
YUV	215.1130, -7.9437, 27.9649
Hunter-Lab	81.3257, 10.8408, 10.9156

Details

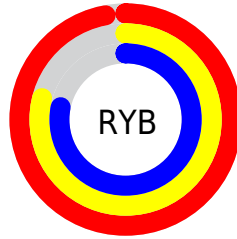
The Yxy color **66.1387, 0.3506, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5300, 0.2834, 0.3257**, and the grayscale version is **68.0767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1713, 0.3602, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **55.0276, 0.3772, 0.3341**, and if you desaturate by 10%, it is **79.0703, 0.3291, 0.3305**.

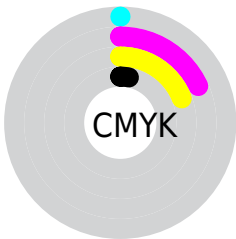
Distribution



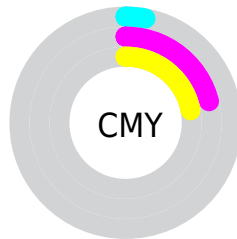
- Red (97%)
- Green (79%)
- Blue (78%)



- Red (97%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1387, 0.3506, 0.3323 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 66.1387, 0.3506, 0.3323 by changing the saturation by 10% instead.


 66.1387, 0.3506,
0.3323

 66.1387, 0.3506,
0.3323

446.8728, 0.3326,
0.3310

 48.3850, 0.3548,
0.3325


113.6854, 0.3443,
0.3319

 34.1319, 0.3601,
0.3328


144.2472, 0.3418,
0.3317

 22.9949, 0.3669,
0.3331


179.8471, 0.3398,
0.3316

 14.5898, 0.3759,
0.3333

220.8696, 0.3380,
0.3314

 8.5320, 0.3884,
0.3335

267.6990, 0.3364,
0.3313

 4.4372, 0.4071,
0.3334

320.7197, 0.3350,

 1.9210, 0.4378,

0.3312

380.3162, 0.3337,
0.3311

0.3321

0.5610, 0.5847,
0.3598

0.0000, 0.0000,
0.0000

66.1387, 0.3506,
0.3323

66.1387, 0.3506,
0.3323

55.0276, 0.3772,
0.3341

79.0703, 0.3291,
0.3305

45.6469, 0.4097,
0.3360

93.8896, 0.3118,
0.3289

37.9121, 0.4485,
0.3375

98.5109, 0.3078,
0.3290

31.7282, 0.4928,
0.3386

■ 26.9906, 0.5396,
0.3388

■ 23.5817, 0.5833,
0.3377

■ 21.3652, 0.6169,
0.3354

■ 20.1713, 0.6359,
0.3327

■ 20.1288, 0.6367,
0.3326

Harmonies

Analogous

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



66.1387, 0.3356, 0.3146



66.1387, 0.3506, 0.3323



66.1387, 0.3550, 0.3498

Triad

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



66.1387, 0.3506, 0.3323



66.1387, 0.3097, 0.3599



66.1387, 0.2785, 0.2955

Complementary

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



66.1387, 0.3506, 0.3323



83.5300, 0.2834, 0.3257

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.



66.1387, 0.2721, 0.3062



66.1387, 0.3506, 0.3323



66.1387, 0.2897, 0.3438

Square

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



66.1387, 0.3506, 0.3323



66.1387, 0.3309, 0.3667



66.1387, 0.2762, 0.3238



66.1387, 0.2938, 0.2937

Rectangle

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



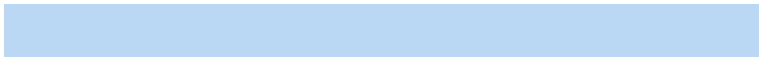
66.1387, 0.3506, 0.3323



66.1387, 0.3513, 0.3592



66.1387, 0.2762, 0.3238



66.1387, 0.2752, 0.2981

Sweetspot

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



66.1417, 0.3506, 0.3323



90.2456, 0.3228, 0.3300



67.1797, 0.3167, 0.2830



19.0987, 0.3240, 0.3301



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.



66.1417, 0.3506, 0.3323



66.5920, 0.3595, 0.3330



77.9527, 0.3460, 0.3564



16.6501, 0.3292, 0.3306



10.7145, 0.6355, 0.3336



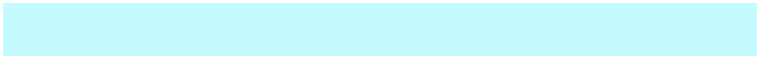
0.9994, 0.6245, 0.3423

Inverse Universe

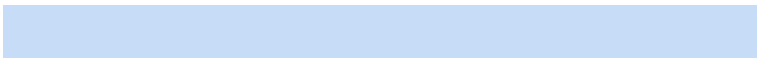
The Inverse Universe completely reimagines the original color for something new.



83.5300, 0.2834, 0.3257



88.1864, 0.2782, 0.3250



70.3493, 0.2818, 0.3000



18.5683, 0.2981, 0.3274



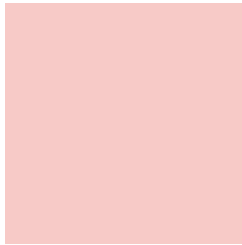
33.9843, 0.2192, 0.3092



3.0400, 0.2200, 0.3119

Previews

White Background



This preview shows how the Yxy color 66.1387, 0.3506, 0.3323 looks on a white background.

Color Contrast Check

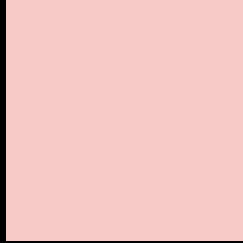
Large Text (above 18pt) WCAG AA × Fail

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 66.1387, 0.3506, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

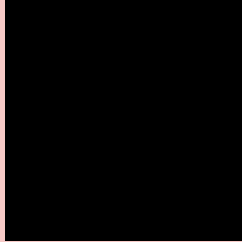
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1387, 0.3506, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 66.1387, 0.3506, 0.3323.



This preview shows how white text looks on a background with the Yxy color 66.1387, 0.3506, 0.3323.

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

66.1387, 0.3506, 0.3323

Protanopia

66.3520, 0.3227, 0.3380

Deuteranopia

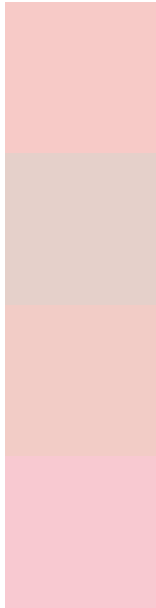
66.0906, 0.3444, 0.3366



Tritanopia

66.3546, 0.3401, 0.3135

Trichromacy



Original Color

66.1387, 0.3506, 0.3323

Protanomaly

66.0340, 0.3331, 0.3357

Deuteranomaly

66.1402, 0.3470, 0.3355

Tritanomaly

66.3332, 0.3438, 0.3207

Monochromacy



Original Color

66.1387, 0.3506, 0.3323

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0275, 0.3262, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1387, 0.3506, 0.3323 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(247, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 199)  
}
```

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(247, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.1387, 0.3506, 0.3323 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(247, 202, 199) }
```

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

```
.border{ border-color:rgb(247, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1387, 0.3506, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 199) }
```

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

```
.background{ background-color: rgb(247,  
202, 199) }
```

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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