

Converting Colors

Yxy(67.1128, 0.3461, 0.3333)

Have a look what the booklet for
Yxy(67.1128, 0.3461, 0.3333)
contains.

Yxy(67.1128, 0.3461, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1128, 0.3461, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	F4CDC9
RGB	244, 205, 201
RGB Percent	96%, 80%, 79%
CMY	0.0431, 0.1961, 0.2117
CMYK	0.00, 0.16, 0.18, 0.04
HSL	6°, 66%, 87%
HSV	6°, 18%, 96%
XYZ	69.6902, 67.1128, 64.5555
YIQ	216.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

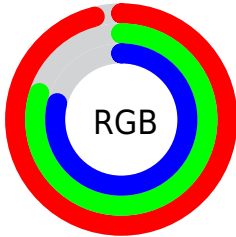
Format	Color
RYB	244, 205, 201
Decimal	16043465
CIELab	85.56, 13.10, 7.09
CIELCh	86, 14.898, 28.408
Yxy	67.1128, 0.3461, 0.3333
Android (android.graphics.Color)	4294233545 (0xFFFF4CDC9)
YUV	216.2050, -7.4961, 24.3762
Hunter-Lab	81.9224, 8.4831, 10.6247

Details

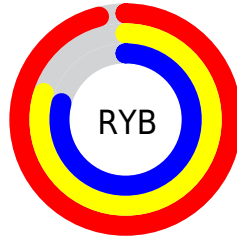
The Yxy color **67.1128, 0.3461, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3067, 0.2859, 0.3247**, and the grayscale version is **68.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8046, 0.3541, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **56.1995, 0.3713, 0.3359**, and if you desaturate by 10%, it is **79.7147, 0.3256, 0.3308**.

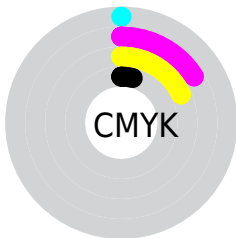
Distribution



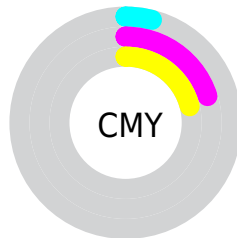
- Red (96%)
- Green (80%)
- Blue (79%)



- Red (96%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1128, 0.3461, 0.3333 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 67.1128, 0.3461, 0.3333 by changing the saturation by 10% instead.

 67.1128, 0.3461,
0.3333

 67.1128, 0.3461,
0.3333


450.3462, 0.3303,
0.3315

 49.1763, 0.3498,
0.3337


115.0820, 0.3406,
0.3327

 34.7594, 0.3544,
0.3341


145.8835, 0.3384,
0.3325

 23.4776, 0.3603,
0.3346


181.7422, 0.3366,
0.3323

 14.9465, 0.3682,
0.3352

223.0424, 0.3350,
0.3321

 8.7819, 0.3791,
0.3359

270.1685, 0.3336,
0.3319

 4.5992, 0.3953,
0.3366

323.5049, 0.3324,

 2.0141, 0.4219,

0.3317

383.4360, 0.3313,
0.3316

0.3368

0.6156, 0.5342,
0.3628

0.0000, 0.0000,
0.0000

67.1128, 0.3461,
0.3333

67.1128, 0.3461,
0.3333

56.1995, 0.3713,
0.3359

79.7147, 0.3256,
0.3308

46.8945, 0.4021,
0.3386

94.0632, 0.3091,
0.3285

39.1244, 0.4389,
0.3410

97.9771, 0.3060,
0.3290

32.8065, 0.4813,
0.3427

■ 27.8506, 0.5270,
0.3433

■ 24.1560, 0.5713,
0.3423

■ 21.6082, 0.6076,
0.3394

■ 20.0705, 0.6306,
0.3352

■ 19.8309, 0.6344,
0.3345

Harmonies

Analogous

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



67.1128, 0.3339, 0.3177



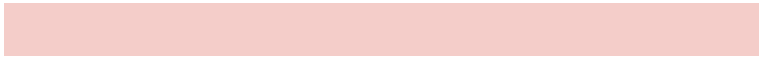
67.1128, 0.3461, 0.3333



67.1128, 0.3491, 0.3483

Triad

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



67.1128, 0.3461, 0.3333



67.1128, 0.3086, 0.3546



67.1128, 0.2839, 0.2995

Complementary

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



67.1128, 0.3461, 0.3333



81.3067, 0.2859, 0.3247

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.



67.1128, 0.2776, 0.3083



67.1128, 0.3461, 0.3333



67.1128, 0.2916, 0.3404

Square

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



67.1128, 0.3461, 0.3333



67.1128, 0.3271, 0.3614



67.1128, 0.2804, 0.3232



67.1128, 0.2978, 0.2986

Rectangle

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



67.1128, 0.3461, 0.3333



67.1128, 0.3454, 0.3560



67.1128, 0.2804, 0.3232



67.1128, 0.2808, 0.3016

Sweetspot

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



67.1158, 0.3461, 0.3333



92.0426, 0.3210, 0.3302



67.3407, 0.3173, 0.2887



19.4700, 0.3222, 0.3303



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.



67.1158, 0.3461, 0.3333



69.8297, 0.3542, 0.3342



77.9068, 0.3423, 0.3552



16.7283, 0.3291, 0.3312



10.8643, 0.6330, 0.3356



1.0366, 0.6177, 0.3477

Inverse Universe

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



81.3067, 0.2859, 0.3247



88.1075, 0.2810, 0.3237



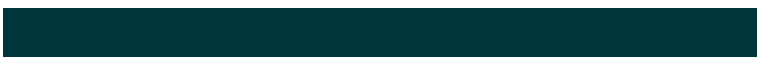
69.5872, 0.2847, 0.3014



18.4809, 0.2981, 0.3267



31.9171, 0.2166, 0.2998



2.8801, 0.2177, 0.3037

Previews

White Background



This preview shows how the Yxy color 67.1128, 0.3461, 0.3333 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 67.1128, 0.3461, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

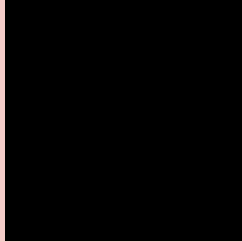
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

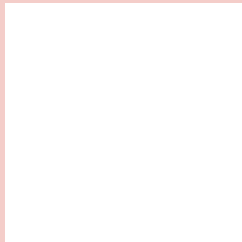
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1128, 0.3461, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 67.1128, 0.3461, 0.3333.

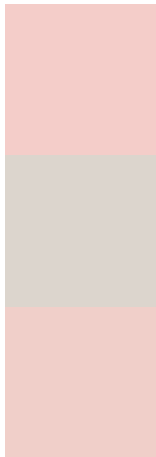


This preview shows how white text looks on a background with the Yxy color 67.1128, 0.3461, 0.3333.

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

67.1128, 0.3461, 0.3333

Protanopia

67.2119, 0.3235, 0.3380

Deuteranopia

67.3680, 0.3426, 0.3355



Tritanopia

66.8958, 0.3352, 0.3124

Trichromacy



Original Color

67.1128, 0.3461, 0.3333

Protanomaly

67.1108, 0.3314, 0.3356

Deuteranomaly

67.0604, 0.3436, 0.3344

Tritanomaly

66.8778, 0.3388, 0.3196

Monochromacy



Original Color

67.1128, 0.3461, 0.3333

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 67.1128, 0.3461, 0.3333 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, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 205, 201)  
}
```

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, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 205, 201) }
```

Border

The CSS property to change the border of an element to Yxy 67.1128, 0.3461, 0.3333 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, 205, 201) }
```

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

```
.border{ border-color:rgb(244, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 205,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1128, 0.3461, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 205, 201) }
```

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

```
.background{ background-color: rgb(244,  
205, 201) }
```

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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