

Converting Colors

$Yxy(67.2203, 0.3657, 0.3439)$

Have a look what the booklet for
Yxy(67.2203, 0.3657, 0.3439)
contains.

Yxy(67.1319, 0.3657, 0.3437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1319, 0.3657, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	FFCABC
RGB	255, 202, 188
RGB Percent	100%, 79%, 74%
CMY	0.0001, 0.2078, 0.2628
CMYK	0.00, 0.21, 0.26, 0.00
HSL	13°, 100%, 87%
HSV	13°, 26%, 100%
XYZ	71.4290, 67.1319, 56.7603
YIQ	216.2510, 36.0820, 6.8820

Conversions

Conversions Part 2

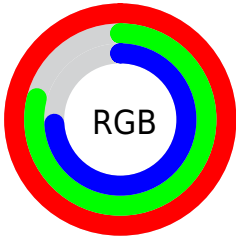
Format	Color
R _Y B	255, 206, 188
Decimal	16763580
CIE Lab	85.57, 16.78, 14.16
CIE LCh	86, 21.957, 40.155
Yxy	67.1319, 0.3657, 0.3437
Android (android.graphics.Color)	4294953660 (0xFFFFCABC)
YUV	216.2510, -13.9277, 33.9829
Hunter-Lab	81.9341, 12.2292, 16.2803

Details

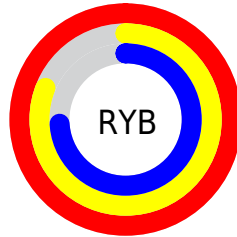
The Yxy color **67.1319, 0.3657, 0.3437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7828, 0.2727, 0.3137**, and the grayscale version is **68.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **34.7994, 0.3783, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **57.2808, 0.3936, 0.3496**, and if you desaturate by 10%, it is **78.4189, 0.3424, 0.3379**.

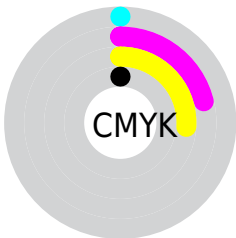
Distribution



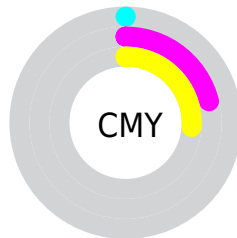
- Red (100%)
- Green (79%)
- Blue (74%)



- Red (100%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1319, 0.3657, 0.3437 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 67.1319, 0.3657, 0.3437 by changing the saturation by 10% instead.

 67.1319, 0.3657,
0.3437

 67.1319, 0.3657,
0.3437


450.4141, 0.3406,
0.3373

 49.1918, 0.3716,
0.3450


 115.1094, 0.3569,
0.3416

 34.7717, 0.3789,
0.3466


145.9156, 0.3535,
0.3407

 23.4870, 0.3883,
0.3485


181.7793, 0.3506,
0.3400

 14.9535, 0.4007,
0.3507

223.0849, 0.3480,
0.3393

 8.7868, 0.4179,
0.3534

270.2168, 0.3458,
0.3388

 4.6024, 0.4431,
0.3564

323.5594, 0.3439,

 2.0159, 0.4834,

0.3382

0.3588

383.4970, 0.3421,
0.3378

0.6167, 0.6198,
0.3802

0.0000, 0.0000,
0.0000

67.1319, 0.3657,
0.3437

67.1319, 0.3657,
0.3437

57.2808, 0.3936,
0.3496

78.4189, 0.3424,
0.3379

48.7985, 0.4266,
0.3551

91.1868, 0.3231,
0.3323

41.6264, 0.4642,
0.3596

99.9951, 0.3127,
0.3290

35.6979, 0.5052,
0.3622

■ 30.9406, 0.5464,
0.3618

■ 27.2737, 0.5833,
0.3576

■ 24.6057, 0.6108,
0.3500

■ 23.8394, 0.6188,
0.3469

Harmonies

Analogous

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



67.1319, 0.3524, 0.3209



67.1319, 0.3657, 0.3437



67.1319, 0.3640, 0.3640

Triad

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



67.1319, 0.3657, 0.3437



67.1319, 0.2960, 0.3600



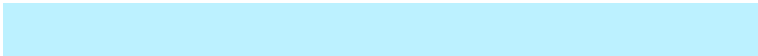
67.1319, 0.2773, 0.2841

Complementary

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



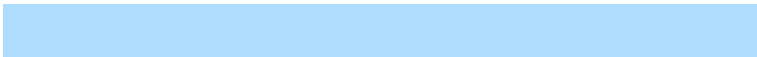
67.1319, 0.3657, 0.3437



80.7828, 0.2727, 0.3137

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.



67.1319, 0.2637, 0.2921



67.1319, 0.3657, 0.3437



67.1319, 0.2741, 0.3357

Square

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



67.1319, 0.3657, 0.3437



67.1319, 0.3230, 0.3751



67.1319, 0.2625, 0.3105



67.1319, 0.3006, 0.2875

Rectangle

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



67.1319, 0.3657, 0.3437



67.1319, 0.3547, 0.3733



67.1319, 0.2625, 0.3105



67.1319, 0.2715, 0.2855

Sweetspot

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



67.1350, 0.3657, 0.3437



88.8941, 0.3262, 0.3332



63.6002, 0.3258, 0.2756



18.6035, 0.3289, 0.3340



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.



67.1350, 0.3657, 0.3437



61.3343, 0.3811, 0.3471



84.2316, 0.3573, 0.3763



18.6035, 0.3289, 0.3340



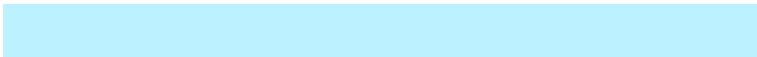
12.6309, 0.6162, 0.3489



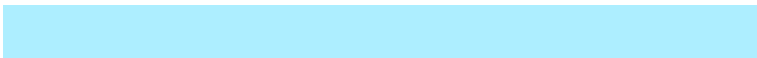
1.3786, 0.5955, 0.3654

Inverse Universe

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



80.7828, 0.2727, 0.3137



77.2437, 0.2645, 0.3100



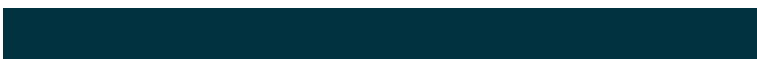
63.0591, 0.2692, 0.2766



19.7972, 0.2980, 0.3239



25.9650, 0.2056, 0.2600



2.6824, 0.2080, 0.2688

Previews

White Background



This preview shows how the Yxy color 67.1319, 0.3657, 0.3437 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 67.1319, 0.3657, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

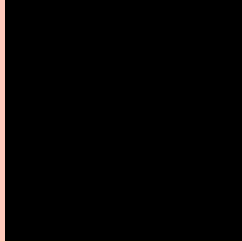
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1319, 0.3657, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 67.1319, 0.3657, 0.3437.



This preview shows how white text looks on a background with the Yxy color 67.1319, 0.3657, 0.3437.

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

67.1319, 0.3657, 0.3437

Protanopia

67.1715, 0.3335, 0.3503

Deuteranopia

67.1429, 0.3574, 0.3494



Tritanopia

66.9619, 0.3458, 0.3138

Trichromacy



Original Color

67.1319, 0.3657, 0.3437

Protanomaly

67.0689, 0.3450, 0.3476

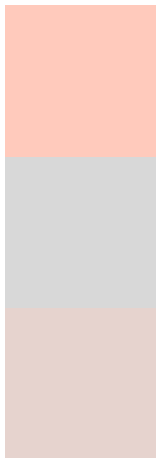
Deuteranomaly

67.3902, 0.3609, 0.3481

Tritanomaly

66.9763, 0.3527, 0.3240

Monochromacy



Original Color

67.1319, 0.3657, 0.3437

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8678, 0.3306, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1319, 0.3657, 0.3437 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(255, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 188)  
}
```

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(255, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 188) }
```

Border

The CSS property to change the border of an element to Yxy 67.1319, 0.3657, 0.3437 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(255, 202, 188) }
```

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

```
.border{ border-color:rgb(255, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1319, 0.3657, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 188) }
```

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

```
.background{ background-color: rgb(255,  
202, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor