

Converting Colors

$Y_{xy}(104.4599, 0.4643, 0.3364)$

Have a look what the booklet for
Yxy(104.4599, 0.4643, 0.3364)
contains.

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Color

Yxy(67.2626, 0.3633, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FFCABF
RGB	255, 202, 191
RGB Percent	100%, 79%, 75%
CMY	0.0000, 0.2078, 0.2508
CMYK	0.00, 0.21, 0.25, 0.00
HSL	10°, 100%, 87%
HSV	10°, 25%, 100%
XYZ	71.7665, 67.2626, 58.5115
YIQ	216.5930, 35.1190, 7.8150

Conversions

Conversions Part 2

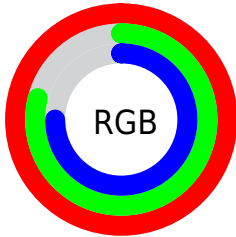
Format	Color
R _Y B	255, 204, 191
Decimal	16763583
CIE Lab	85.64, 17.21, 12.63
CIE LCh	86, 21.351, 36.279
Yxy	67.2626, 0.3633, 0.3405
Android (android.graphics.Color)	4294953663 (0xFFFFCABF)
YUV	216.5930, -12.6173, 33.6829
Hunter-Lab	82.0138, 12.6731, 15.1101

Details

The Yxy color **67.2626, 0.3633, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0201, 0.2747, 0.3172**, and the grayscale version is **69.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.8851, 0.3751, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **56.9934, 0.3913, 0.3454**, and if you desaturate by 10%, it is **79.0908, 0.3401, 0.3357**.

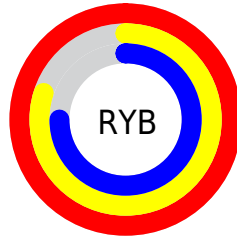
Distribution



Red (100%)

Green (79%)

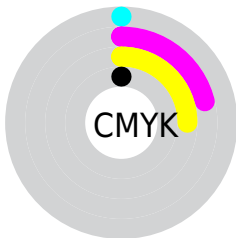
Blue (75%)



Red (100%)

Yellow (80%)

Blue (75%)

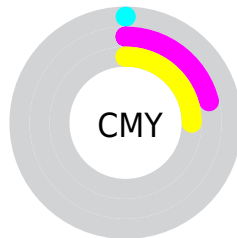


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2626, 0.3633, 0.3405 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 67.2626, 0.3633, 0.3405 by changing the saturation by 10% instead.

 67.2626, 0.3633,
0.3405

 67.2626, 0.3633,
0.3405


450.8789, 0.3393,
0.3356

 49.2981, 0.3689,
0.3415


 115.2966, 0.3549,
0.3389

 34.8560, 0.3759,
0.3427


146.1349, 0.3516,
0.3382

 23.5520, 0.3849,
0.3441


182.0332, 0.3489,
0.3377

 15.0016, 0.3967,
0.3458

223.3759, 0.3464,
0.3371

 8.8205, 0.4132,
0.3477

270.5474, 0.3443,
0.3367

 4.6243, 0.4374,
0.3496

323.9322, 0.3425,

 2.0286, 0.4761,

0.3363

0.3507

383.9146, 0.3408,
0.3359

0.6240, 0.6216,
0.3784

0.0000, 0.0000,
0.0000

67.2626, 0.3633,
0.3405

67.2626, 0.3633,
0.3405

56.9934, 0.3913,
0.3454

79.0908, 0.3401,
0.3357

48.2089, 0.4247,
0.3500

92.5297, 0.3210,
0.3312

40.8427, 0.4632,
0.3537

99.9993, 0.3127,
0.3290

34.8196, 0.5055,
0.3558

■ 30.0573, 0.5483,
0.3554

■ 26.4644, 0.5867,
0.3519

■ 23.9361, 0.6151,
0.3454

■ 23.0401, 0.6251,
0.3419

Harmonies

Analogous

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



67.2626, 0.3487, 0.3183



67.2626, 0.3633, 0.3405



67.2626, 0.3636, 0.3609

Triad

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



67.2626, 0.3633, 0.3405



67.2626, 0.2997, 0.3616



67.2626, 0.2759, 0.2857

Complementary

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



67.2626, 0.3633, 0.3405



83.0201, 0.2747, 0.3172

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.



67.2626, 0.2641, 0.2949



67.2626, 0.3633, 0.3405



67.2626, 0.2774, 0.3388

Square

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



67.2626, 0.3633, 0.3405



67.2626, 0.3262, 0.3747



67.2626, 0.2647, 0.3140



67.2626, 0.2977, 0.2876

Rectangle

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



67.2626, 0.3633, 0.3405



67.2626, 0.3557, 0.3707



67.2626, 0.2647, 0.3140



67.2626, 0.2707, 0.2875

Sweetspot

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



67.2657, 0.3633, 0.3405



88.4412, 0.3262, 0.3325



65.0894, 0.3235, 0.2761



18.4903, 0.3290, 0.3331



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.



67.2657, 0.3633, 0.3405



62.0259, 0.3764, 0.3429



83.6843, 0.3556, 0.3721



18.4903, 0.3290, 0.3331



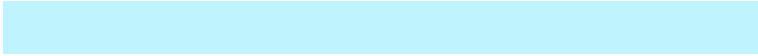
12.1851, 0.6229, 0.3436



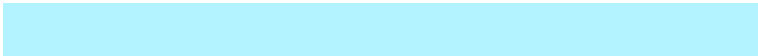
1.3194, 0.6034, 0.3591

Inverse Universe

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



83.0201, 0.2747, 0.3172



80.1787, 0.2677, 0.3145



65.5668, 0.2715, 0.2818



19.9201, 0.2980, 0.3248



28.3825, 0.2092, 0.2732



2.8971, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 67.2626, 0.3633, 0.3405 looks on a white background.

Color Contrast Check

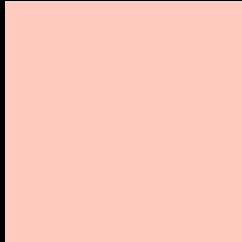
Large Text (above 18pt) WCAG AA × Fail

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 67.2626, 0.3633, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

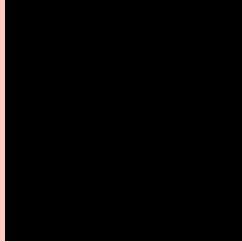
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2626, 0.3633, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 67.2626, 0.3633, 0.3405.



This preview shows how white text looks on a background with the Yxy color 67.2626, 0.3633, 0.3405.

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

67.2626, 0.3633, 0.3405

Protanopia

67.6539, 0.3305, 0.3480

Deuteranopia

67.5764, 0.3541, 0.3472



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.2626, 0.3633, 0.3405

Protanomaly

67.5257, 0.3418, 0.3454

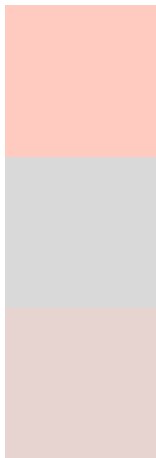
Deuteranomaly

67.3368, 0.3578, 0.3450

Tritanomaly

67.4895, 0.3517, 0.3240

Monochromacy



Original Color

67.2626, 0.3633, 0.3405

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6300, 0.3298, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2626, 0.3633, 0.3405 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.2626, 0.3633, 0.3405 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, 191) }
```

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

```
.border{ border-color:rgb(255, 202, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2626, 0.3633, 0.3405 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
202, 191) }
```

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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