

Converting Colors

$Yxy(67.7776, 0.3623, 0.3405)$

Have a look what the booklet for
Yxy(67.7776, 0.3623, 0.3405)
contains.

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Color

Yxy(67.7776, 0.3623, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC0
RGB	255, 203, 192
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.2039, 0.2470
CMYK	0.00, 0.20, 0.25, 0.00
HSL	10°, 100%, 88%
HSV	10°, 25%, 100%
XYZ	72.1170, 67.7776, 59.1586
YIQ	217.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

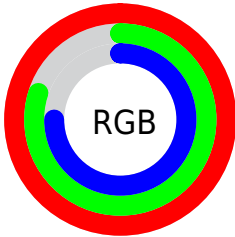
Format	Color
R _Y B	255, 205, 192
Decimal	16763840
CIE Lab	85.90, 16.84, 12.48
CIE LCh	86, 20.960, 36.553
Yxy	67.7776, 0.3623, 0.3405
Android (android.graphics.Color)	4294953920 (0xFFFFCBC0)
YUV	217.2940, -12.4699, 33.0682
Hunter-Lab	82.3272, 12.2900, 15.0244

Details

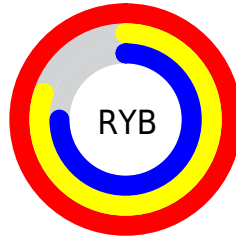
The Yxy color **67.7776, 0.3623, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1409, 0.2752, 0.3172**, and the grayscale version is **69.6686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.2293, 0.3736, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **57.4647, 0.3901, 0.3454**, and if you desaturate by 10%, it is **79.6353, 0.3393, 0.3356**.

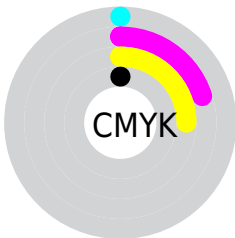
Distribution



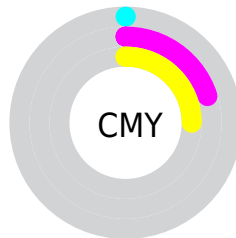
- Red (100%)
- Green (80%)
- Blue (75%)



- Red (100%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7776, 0.3623, 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 67.7776, 0.3623, 0.3405 by changing the saturation by 10% instead.


 67.7776, 0.3623,
0.3405

 67.7776, 0.3623,
0.3405


452.7076, 0.3388,
0.3356

 49.7168, 0.3678,
0.3415


 116.0339, 0.3541,
0.3389

 35.1884, 0.3746,
0.3427

146.9983, 0.3509,
0.3382

 23.8081, 0.3833,
0.3441


183.0326, 0.3482,
0.3376

 15.1913, 0.3949,
0.3458

224.5213, 0.3458,
0.3371

 8.9538, 0.4110,
0.3478

271.8487, 0.3437,
0.3367

 4.7110, 0.4345,
0.3499

325.3993, 0.3419,

 2.0787, 0.4721,

0.3363

0.3512

385.5575, 0.3403,
0.3359

0.6526, 0.6158,
0.3842

0.0000, 0.0000,
0.0000

67.7776, 0.3623,
0.3405

67.7776, 0.3623,
0.3405

57.4647, 0.3901,
0.3454

79.6353, 0.3393,
0.3356

48.6345, 0.4231,
0.3501

93.1003, 0.3204,
0.3310

41.2177, 0.4614,
0.3540

100.0000, 0.3127,
0.3290

35.1401, 0.5034,
0.3562

■ 30.3205, 0.5462,
0.3560

■ 26.6687, 0.5848,
0.3526

■ 24.0820, 0.6138,
0.3461

■ 23.0959, 0.6247,
0.3422

Harmonies

Analogous

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



67.7776, 0.3481, 0.3188



67.7776, 0.3623, 0.3405



67.7776, 0.3624, 0.3604

Triad

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



67.7776, 0.3623, 0.3405



67.7776, 0.2998, 0.3607



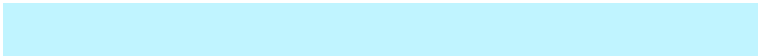
67.7776, 0.2768, 0.2866

Complementary

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



67.7776, 0.3623, 0.3405



83.1409, 0.2752, 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.



67.7776, 0.2652, 0.2955



67.7776, 0.3623, 0.3405



67.7776, 0.2780, 0.3384

Square

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



67.7776, 0.3623, 0.3405



67.7776, 0.3257, 0.3736



67.7776, 0.2656, 0.3142



67.7776, 0.2982, 0.2885

Rectangle

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



67.7776, 0.3623, 0.3405



67.7776, 0.3547, 0.3700



67.7776, 0.2656, 0.3142



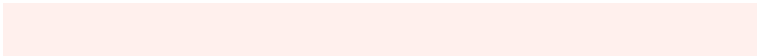
67.7776, 0.2717, 0.2883

Sweetspot

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



67.7769, 0.3623, 0.3405



89.8579, 0.3244, 0.3321



65.5282, 0.3233, 0.2769



19.0543, 0.3255, 0.3323



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.



67.7769, 0.3623, 0.3405



62.1227, 0.3764, 0.3431



83.9150, 0.3549, 0.3714



18.4989, 0.3290, 0.3332



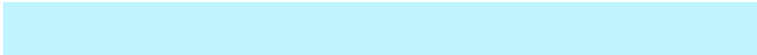
12.2158, 0.6224, 0.3440



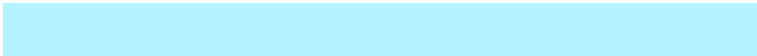
1.3236, 0.6028, 0.3596

Inverse Universe

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



83.1409, 0.2752, 0.3172



80.0474, 0.2677, 0.3143



66.0221, 0.2722, 0.2826



19.9107, 0.2980, 0.3248



28.1938, 0.2090, 0.2722



2.8804, 0.2109, 0.2794

Previews

White Background



This preview shows how the Yxy color 67.7776, 0.3623, 0.3405 looks on a white background.

Color Contrast Check

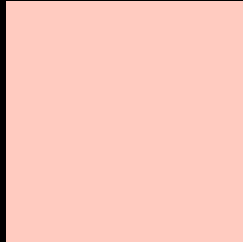
Large Text (above 18pt) WCAG AA × Fail

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 67.7776, 0.3623, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

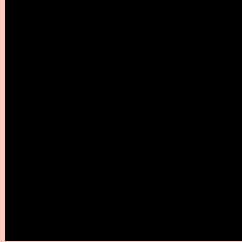
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7776, 0.3623, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 67.7776, 0.3623, 0.3405.



This preview shows how white text looks on a background with the Yxy color 67.7776, 0.3623, 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

67.7776, 0.3623, 0.3405

Protanopia

67.8583, 0.3306, 0.3468

Deuteranopia

67.7997, 0.3541, 0.3461



Tritanopia

67.9396, 0.3447, 0.3148

Trichromacy



Original Color

67.7776, 0.3623, 0.3405

Protanomaly

67.7409, 0.3419, 0.3443

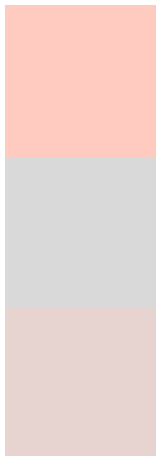
Deuteranomaly

68.0439, 0.3576, 0.3449

Tritanomaly

68.0061, 0.3507, 0.3240

Monochromacy



Original Color

67.7776, 0.3623, 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 67.7776, 0.3623, 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, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 192)  
}
```

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, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.7776, 0.3623, 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, 203, 192) }
```

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

```
.border{ border-color:rgb(255, 203, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7776, 0.3623, 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, 203, 192) }
```

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

```
.background{ background-color: rgb(255,  
203, 192) }
```

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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