

Converting Colors

$Y_{xy}(72.7331, 0.3894, 0.3394)$

Have a look what the booklet for
Yxy(72.7331, 0.3894, 0.3394)
contains.

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Color

Yxy(66.2863, 0.3646, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BE
RGB	255, 200, 190
RGB Percent	100%, 78%, 75%
CMY	0.0001, 0.2156, 0.2548
CMYK	0.00, 0.22, 0.25, 0.00
HSL	9°, 100%, 87%
HSV	9°, 25%, 100%
XYZ	71.1870, 66.2863, 57.7735
YIQ	215.3050, 35.9900, 8.5500

Conversions

Conversions Part 2

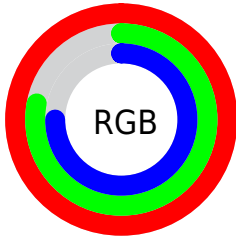
Format	Color
R _Y B	255, 202, 190
Decimal	16763070
CIE Lab	85.14, 18.11, 12.47
CIE LCh	85, 21.990, 34.542
Yxy	66.2863, 0.3646, 0.3395
Android (android.graphics.Color)	4294953150 (0xFFFFC8BE)
YUV	215.3050, -12.4754, 34.8125
Hunter-Lab	81.4164, 13.5940, 14.9190

Details

The Yxy color **66.2863, 0.3646, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4779, 0.2742, 0.3182**, and the grayscale version is **68.2428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.2342, 0.3769, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **55.9687, 0.3931, 0.3439**, and if you desaturate by 10%, it is **78.2160, 0.3410, 0.3352**.

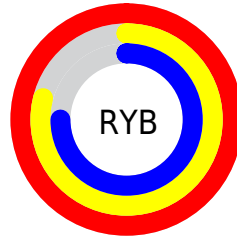
Distribution



Red (100%)

Green (78%)

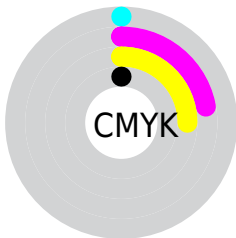
Blue (75%)



Red (100%)

Yellow (79%)

Blue (75%)

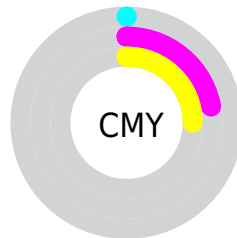


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2863, 0.3646, 0.3395 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 66.2863, 0.3646, 0.3395 by changing the saturation by 10% instead.


 66.2863, 0.3646,
0.3395

 66.2863, 0.3646,
0.3395


447.4001, 0.3399,
0.3351

 48.5049, 0.3704,
0.3404


 113.8972, 0.3559,
0.3381

 34.2269, 0.3776,
0.3414


144.4953, 0.3526,
0.3375

 23.0679, 0.3869,
0.3426


180.1346, 0.3497,
0.3369

 14.6437, 0.3992,
0.3440

221.1992, 0.3472,
0.3365

 8.5697, 0.4163,
0.3456

268.0737, 0.3451,
0.3361

 4.4616, 0.4415,
0.3470

321.1424, 0.3432,

 1.9350, 0.4821,

0.3357

0.3469

380.7898, 0.3415,
0.3354

0.5693, 0.6352,
0.3648

0.0000, 0.0000,
0.0000

66.2863, 0.3646,
0.3395

66.2863, 0.3646,
0.3395

55.9687, 0.3931,
0.3439

78.2160, 0.3410,
0.3352

47.1850, 0.4272,
0.3480

91.8134, 0.3217,
0.3311

39.8644, 0.4665,
0.3512

99.9973, 0.3127,
0.3290

33.9266, 0.5096,
0.3530

■ 29.2838, 0.5530,
0.3524

■ 25.8375, 0.5913,
0.3489

■ 23.4748, 0.6189,
0.3427

■ 22.7201, 0.6277,
0.3398

Harmonies

Analogous

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



66.2863, 0.3487, 0.3167



66.2863, 0.3646, 0.3395



66.2863, 0.3658, 0.3608

Triad

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



66.2863, 0.3646, 0.3395



66.2863, 0.3008, 0.3640



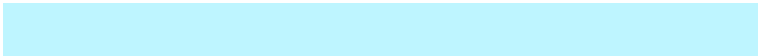
66.2863, 0.2736, 0.2845

Complementary

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



66.2863, 0.3646, 0.3395



83.4779, 0.2742, 0.3182

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.



66.2863, 0.2622, 0.2946



66.2863, 0.3646, 0.3395



66.2863, 0.2773, 0.3406

Square

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



66.2863, 0.3646, 0.3395



66.2863, 0.3282, 0.3767



66.2863, 0.2635, 0.3148



66.2863, 0.2956, 0.2858

Rectangle

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



66.2863, 0.3646, 0.3395



66.2863, 0.3581, 0.3714



66.2863, 0.2635, 0.3148



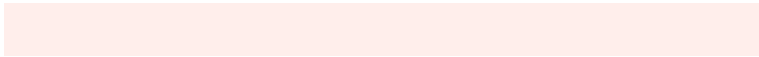
66.2863, 0.2685, 0.2866

Sweetspot

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



66.2894, 0.3646, 0.3395



88.2296, 0.3263, 0.3321



64.7042, 0.3229, 0.2742



18.4375, 0.3291, 0.3327



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.



66.2894, 0.3646, 0.3395



60.4002, 0.3797, 0.3419



82.8309, 0.3566, 0.3717



18.4375, 0.3291, 0.3327



12.0066, 0.6256, 0.3415



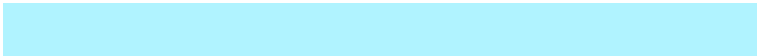
1.2943, 0.6069, 0.3563

Inverse Universe

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



83.4779, 0.2742, 0.3182



80.4580, 0.2665, 0.3156



65.6398, 0.2709, 0.2822



19.9779, 0.2980, 0.3253



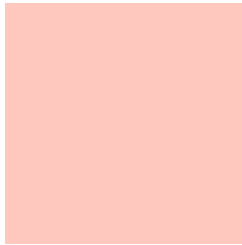
29.5654, 0.2109, 0.2793



3.0014, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 66.2863, 0.3646, 0.3395 looks on a white background.

Color Contrast Check

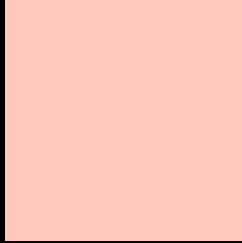
Large Text (above 18pt) WCAG AA × Fail

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 66.2863, 0.3646, 0.3395 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 66.2863, 0.3646, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 66.2863, 0.3646, 0.3395.



This preview shows how white text looks on a background with the Yxy color 66.2863, 0.3646, 0.3395.

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

66.2863, 0.3646, 0.3395

Protanopia

66.4446, 0.3307, 0.3470

Deuteranopia

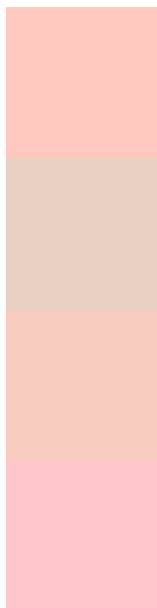
66.2140, 0.3537, 0.3463



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.2863, 0.3646, 0.3395

Protanomaly

66.3304, 0.3422, 0.3444

Deuteranomaly

66.1602, 0.3582, 0.3440

Tritanomaly

66.4665, 0.3537, 0.3240

Monochromacy



Original Color

66.2863, 0.3646, 0.3395

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3724, 0.3307, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2863, 0.3646, 0.3395 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, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 190)  
}
```

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, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.2863, 0.3646, 0.3395 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, 200, 190) }
```

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

```
.border{ border-color:rgb(255, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2863, 0.3646, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 190) }
```

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

```
.background{ background-color: rgb(255,  
200, 190) }
```

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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