

Converting Colors

$Y_{xy}(89.1662, 0.4362, 0.3359)$

Have a look what the booklet for
Yxy(89.1662, 0.4362, 0.3359)
contains.

Yxy(66.3301, 0.3638, 0.3385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.3301, 0.3638, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BF
RGB	255, 200, 191
RGB Percent	100%, 78%, 75%
CMY	0.0001, 0.2156, 0.2510
CMYK	0.00, 0.22, 0.25, 0.00
HSL	8°, 100%, 87%
HSV	8°, 25%, 100%
XYZ	71.2877, 66.3301, 58.3352
YIQ	215.4190, 35.6690, 8.8610

Conversions

Conversions Part 2

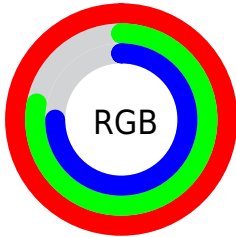
Format	Color
R_{YB}	255, 201, 191
Decimal	16763071
CIE _{Lab}	85.16, 18.23, 11.98
CIE _{LCh}	85, 21.817, 33.318
Yxy	66.3301, 0.3638, 0.3385
Android (android.graphics.Color)	4294953151 (0xFFFFC8BF)
YUV	215.4190, -12.0386, 34.7125
Hunter-Lab	81.4433, 13.7162, 14.5428

Details

The Yxy color **66.3301, 0.3638, 0.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1694, 0.2749, 0.3193**, and the grayscale version is **68.3192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.2631, 0.3759, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **55.8772, 0.3924, 0.3425**, and if you desaturate by 10%, it is **78.4376, 0.3403, 0.3345**.

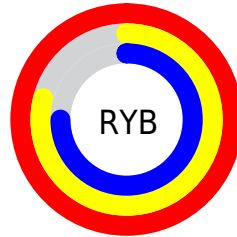
Distribution



Red (100%)

Green (78%)

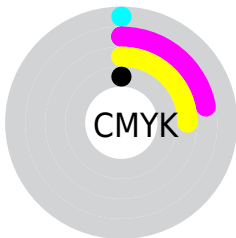
Blue (75%)



Red (100%)

Yellow (79%)

Blue (75%)

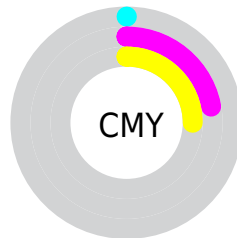


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3301, 0.3638, 0.3385 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 66.3301, 0.3638, 0.3385 by changing the saturation by 10% instead.


 66.3301, 0.3638,
0.3385

 66.3301, 0.3638,
0.3385


447.5565, 0.3395,
0.3345

 48.5404, 0.3695,
0.3393

 113.9600, 0.3553,
0.3372

 34.2551, 0.3766,
0.3402


144.5690, 0.3520,
0.3367

 23.0896, 0.3857,
0.3413


180.2199, 0.3492,
0.3362

 14.6597, 0.3978,
0.3425

221.2970, 0.3467,
0.3358

 8.5809, 0.4147,
0.3438

268.1849, 0.3446,
0.3354

 4.4688, 0.4396,
0.3449

321.2678, 0.3427,

 1.9391, 0.4796,

0.3351

0.3445

380.9302, 0.3410,
0.3348

0.5717, 0.6356,
0.3644

0.0000, 0.0000,
0.0000

66.3301, 0.3638,
0.3385

66.3301, 0.3638,
0.3385

55.8772, 0.3924,
0.3425

78.4376, 0.3403,
0.3345

46.9980, 0.4265,
0.3463

92.2575, 0.3211,
0.3308

39.6187, 0.4661,
0.3493

99.9929, 0.3127,
0.3290

33.6560, 0.5096,
0.3509

■ 29.0182, 0.5535,
0.3504

■ 25.6028, 0.5922,
0.3471

■ 23.2915, 0.6200,
0.3414

■ 22.5123, 0.6293,
0.3385

Harmonies

Analogous

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



66.3301, 0.3475, 0.3159



66.3301, 0.3638, 0.3385



66.3301, 0.3656, 0.3598

Triad

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



66.3301, 0.3638, 0.3385



66.3301, 0.3020, 0.3644



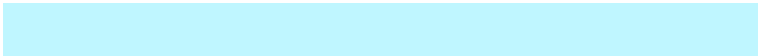
66.3301, 0.2733, 0.2850

Complementary

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



66.3301, 0.3638, 0.3385



84.1694, 0.2749, 0.3193

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.



66.3301, 0.2624, 0.2955



66.3301, 0.3638, 0.3385



66.3301, 0.2784, 0.3416

Square

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



66.3301, 0.3638, 0.3385



66.3301, 0.3291, 0.3765



66.3301, 0.2642, 0.3159



66.3301, 0.2947, 0.2859

Rectangle

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



66.3301, 0.3638, 0.3385



66.3301, 0.3584, 0.3706



66.3301, 0.2642, 0.3159



66.3301, 0.2683, 0.2873

Sweetspot

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



66.3332, 0.3638, 0.3385



88.0802, 0.3263, 0.3319



65.1951, 0.3219, 0.2741



18.4002, 0.3291, 0.3324



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.



66.3332, 0.3638, 0.3385



61.0146, 0.3772, 0.3405



82.4519, 0.3561, 0.3700



18.4002, 0.3291, 0.3324



11.8915, 0.6274, 0.3400



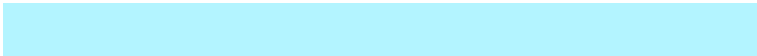
1.2768, 0.6094, 0.3544

Inverse Universe

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



84.1694, 0.2749, 0.3193



81.5720, 0.2680, 0.3171



66.6167, 0.2717, 0.2842



20.0188, 0.2980, 0.3256



30.4220, 0.2121, 0.2836



3.0768, 0.2137, 0.2892

Previews

White Background



This preview shows how the Yxy color 66.3301, 0.3638, 0.3385 looks on a white background.

Color Contrast Check

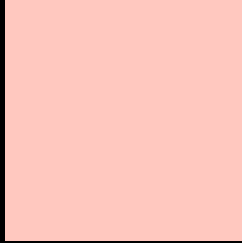
Large Text (above 18pt) WCAG AA × Fail

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 66.3301, 0.3638, 0.3385 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 66.3301, 0.3638, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 66.3301, 0.3638, 0.3385.



This preview shows how white text looks on a background with the Yxy color 66.3301, 0.3638, 0.3385.

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

66.3301, 0.3638, 0.3385

Protanopia

66.4903, 0.3300, 0.3459

Deuteranopia

66.2576, 0.3530, 0.3452



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.3301, 0.3638, 0.3385

Protanomaly

66.3755, 0.3414, 0.3433

Deuteranomaly

66.2037, 0.3574, 0.3429

Tritanomaly

66.4665, 0.3537, 0.3240

Monochromacy



Original Color

66.3301, 0.3638, 0.3385

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 66.3301, 0.3638, 0.3385 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 66.3301, 0.3638, 0.3385 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, 191) }
```

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

```
.border{ border-color:rgb(255, 200, 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, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3301, 0.3638, 0.3385 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
200, 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](#).

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