

Converting Colors

$Yxy(66.3445, 0.3676, 0.3440)$

Have a look what the booklet for
Yxy(66.3445, 0.3676, 0.3440)
contains.

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Color

Yxy(66.1137, 0.3678, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BA
RGB	255, 200, 186
RGB Percent	100%, 78%, 73%
CMY	0.0001, 0.2156, 0.2705
CMYK	0.00, 0.22, 0.27, 0.00
HSL	12°, 100%, 86%
HSV	12°, 27%, 100%
XYZ	70.7495, 66.1137, 55.4955
YIQ	214.8490, 37.2740, 7.3060

Conversions

Conversions Part 2

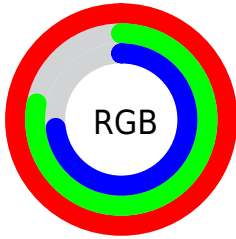
Format	Color
R _Y B	255, 204, 186
Decimal	16763066
CIE Lab	85.05, 17.56, 14.47
CIE LCh	85, 22.756, 39.497
Yxy	66.1137, 0.3678, 0.3437
Android (android.graphics.Color)	4294953146 (0xFFFFC8BA)
YUV	214.8490, -14.2226, 35.2124
Hunter-Lab	81.3103, 13.0229, 16.4509

Details

The Yxy color **66.1137, 0.3678, 0.3437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5499, 0.2716, 0.3137**, and the grayscale version is **67.9279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **34.1215, 0.3813, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **56.3312, 0.3962, 0.3494**, and if you desaturate by 10%, it is **77.3466, 0.3441, 0.3380**.

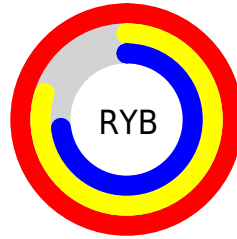
Distribution



Red (100%)

Green (78%)

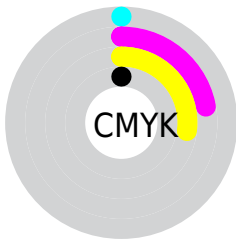
Blue (73%)



Red (100%)

Yellow (80%)

Blue (73%)

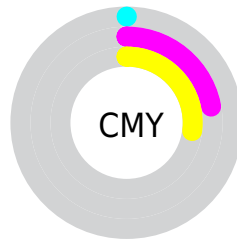


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1137, 0.3678, 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 66.1137, 0.3678, 0.3437 by changing the saturation by 10% instead.


 66.1137, 0.3678,
0.3437

 66.1137, 0.3678,
0.3437


446.7834, 0.3416,
0.3374

 48.3647, 0.3739,
0.3450


 113.6495, 0.3586,
0.3416

 34.1158, 0.3816,
0.3466


144.2051, 0.3550,
0.3408

 22.9826, 0.3914,
0.3484


179.7984, 0.3520,
0.3400

 14.5806, 0.4045,
0.3506

220.8137, 0.3494,
0.3394

 8.5256, 0.4226,
0.3531

267.6355, 0.3471,
0.3388

 4.4331, 0.4492,
0.3558

320.6481, 0.3450,

 1.9186, 0.4924,

0.3383

0.3579

380.2359, 0.3432,
0.3378

0.5596, 0.6333,
0.3667

0.0000, 0.0000,
0.0000

66.1137, 0.3678,
0.3437

66.1137, 0.3678,
0.3437

56.3312, 0.3962,
0.3494

77.3466, 0.3441,
0.3380

47.9308, 0.4297,
0.3547

90.0766, 0.3244,
0.3326

40.8520, 0.4680,
0.3590

99.9938, 0.3127,
0.3290

35.0264, 0.5094,
0.3612

■ 30.3792, 0.5507,
0.3604

■ 26.8271, 0.5871,
0.3560

■ 24.2746, 0.6137,
0.3483

■ 23.6896, 0.6199,
0.3460

Harmonies

Analogous

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



66.1137, 0.3536, 0.3200



66.1137, 0.3678, 0.3437



66.1137, 0.3663, 0.3650

Triad

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



66.1137, 0.3678, 0.3437



66.1137, 0.2958, 0.3618



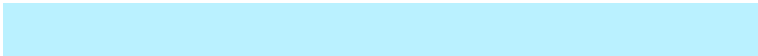
66.1137, 0.2754, 0.2824

Complementary

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



66.1137, 0.3678, 0.3437



80.5499, 0.2716, 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.



66.1137, 0.2615, 0.2908



66.1137, 0.3678, 0.3437



66.1137, 0.2729, 0.3365

Square

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



66.1137, 0.3678, 0.3437



66.1137, 0.3240, 0.3773



66.1137, 0.2606, 0.3102



66.1137, 0.2995, 0.2857

Rectangle

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



66.1137, 0.3678, 0.3437



66.1137, 0.3568, 0.3749



66.1137, 0.2606, 0.3102



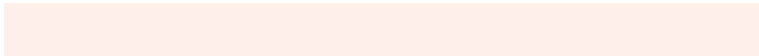
66.1137, 0.2694, 0.2839

Sweetspot

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



66.1168, 0.3678, 0.3437



88.8173, 0.3262, 0.3331



62.7404, 0.3262, 0.2740



18.5843, 0.3289, 0.3339



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

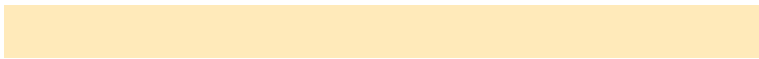
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1168, 0.3678, 0.3437



61.1064, 0.3813, 0.3466



83.8063, 0.3588, 0.3778



18.5843, 0.3289, 0.3339



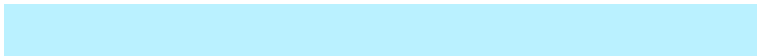
12.5490, 0.6174, 0.3479



1.3681, 0.5968, 0.3643

Inverse Universe

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



80.5499, 0.2716, 0.3137



77.5499, 0.2646, 0.3106



62.1407, 0.2678, 0.2749



19.8180, 0.2980, 0.3241



26.3640, 0.2062, 0.2623



2.7180, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 66.1137, 0.3678, 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 66.1137, 0.3678, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

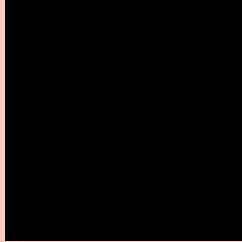
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1137, 0.3678, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 66.1137, 0.3678, 0.3437.



This preview shows how white text looks on a background with the Yxy color 66.1137, 0.3678, 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

66.1137, 0.3678, 0.3437

Protanopia

66.2649, 0.3336, 0.3516

Deuteranopia

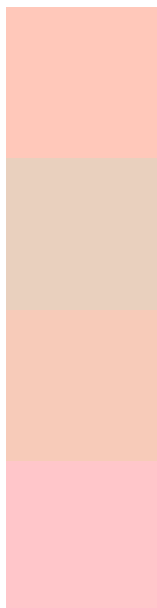
66.2201, 0.3576, 0.3506



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

66.1137, 0.3678, 0.3437

Protanomaly

66.1531, 0.3451, 0.3488

Deuteranomaly

65.9888, 0.3613, 0.3483

Tritanomaly

65.9124, 0.3555, 0.3250

Monochromacy



Original Color

66.1137, 0.3678, 0.3437

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2758, 0.3321, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1137, 0.3678, 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, 200, 186)` looks like.

```
.text, #text, p{  
  color:rgb(255, 200, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 186) }
```

Border

The CSS property to change the border of an element to Yxy 66.1137, 0.3678, 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, 200, 186) }
```

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

```
.border{ border-color:rgb(255, 200, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1137, 0.3678, 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, 200, 186) }
```

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

```
.background{ background-color: rgb(255,  
200, 186) }
```

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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