

Converting Colors

$Y_{xy}(62.7837, 0.3666, 0.3314)$

Have a look what the booklet for
Yxy(62.7837, 0.3666, 0.3314)
contains.

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Color

Yxy(62.6770, 0.3667, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BE
RGB	255, 192, 190
RGB Percent	100%, 75%, 75%
CMY	0.0000, 0.2471, 0.2548
CMYK	0.00, 0.25, 0.25, 0.00
HSL	2°, 100%, 87%
HSV	2°, 25%, 100%
XYZ	69.3951, 62.6770, 57.1701
YIQ	210.6090, 38.1900, 12.7340

Conversions

Conversions Part 2

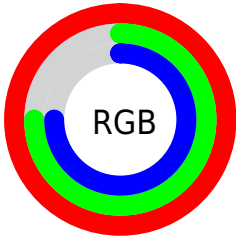
Format	Color
R _Y B	255, 192, 190
Decimal	16761022
CIE Lab	83.27, 22.33, 9.81
CIE LCh	83, 24.391, 23.715
Yxy	62.6770, 0.3667, 0.3312
Android (android.graphics.Color)	4294951102 (0xFFFFC0BE)
YUV	210.6090, -10.1602, 38.9309
Hunter-Lab	79.1688, 17.9180, 12.6032

Details

The Yxy color **62.6770, 0.3667, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4445, 0.2750, 0.3268**, and the grayscale version is **64.9163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6652, 0.3183, 0.3319**, and **31.8534, 0.3801, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **51.6922, 0.3974, 0.3321**, and if you desaturate by 10%, it is **75.6745, 0.3418, 0.3303**.

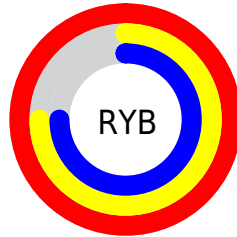
Distribution



Red (100%)

Green (75%)

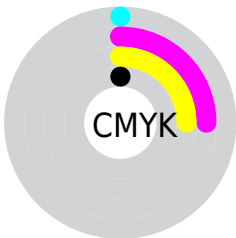
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

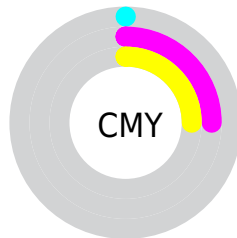


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6770, 0.3667, 0.3312 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 62.6770, 0.3667, 0.3312 by changing the saturation by 10% instead.


 62.6770, 0.3667,
0.3312

 62.6770, 0.3667,
0.3312

434.3963, 0.3408,
0.3307

 45.5800, 0.3728,
0.3312

 108.7034, 0.3575,
0.3311

 31.9145, 0.3805,
0.3311


138.4015, 0.3540,
0.3311

 21.2962, 0.3905,
0.3309


173.0688, 0.3510,
0.3310

 13.3407, 0.4038,
0.3304

213.0896, 0.3484,
0.3309

 7.6636, 0.4225,
0.3293

258.8484, 0.3462,
0.3308

 3.8804, 0.4506,
0.3269

310.7295, 0.3442,

 1.6069, 0.4969,

0.3308

0.3207

369.1173, 0.3424,
0.3307

0.3622, 0.7108,
0.2892

0.0000, 0.0000,
0.0000

62.6770, 0.3667,
0.3312

62.6770, 0.3667,
0.3312

51.6922, 0.3974,
0.3321

75.6745, 0.3418,
0.3303

42.6291, 0.4347,
0.3330

90.7891, 0.3219,
0.3294

35.3742, 0.4783,
0.3337

100.0000, 0.3127,
0.3290

29.8062, 0.5258,
0.3340

■ 25.7893, 0.5721,
0.3337

■ 23.1663, 0.6100,
0.3328

■ 21.7472, 0.6329,
0.3314

■ 21.4272, 0.6386,
0.3311

Harmonies

Analogous

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



62.6770, 0.3438, 0.3066



62.6770, 0.3667, 0.3312



62.6770, 0.3743, 0.3565

Triad

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



62.6770, 0.3667, 0.3312



62.6770, 0.3101, 0.3758



62.6770, 0.2625, 0.2815

Complementary

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



62.6770, 0.3667, 0.3312



88.4445, 0.2750, 0.3268

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.



62.6770, 0.2547, 0.2971



62.6770, 0.3667, 0.3312



62.6770, 0.2813, 0.3525

Square

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



62.6770, 0.3667, 0.3312



62.6770, 0.3407, 0.3843



62.6770, 0.2614, 0.3230



62.6770, 0.2834, 0.2785

Rectangle

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



62.6770, 0.3667, 0.3312



62.6770, 0.3696, 0.3708



62.6770, 0.2614, 0.3230



62.6770, 0.2584, 0.2853

Sweetspot

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



62.6736, 0.3667, 0.3312



86.7757, 0.3265, 0.3296



65.2489, 0.3165, 0.2663



18.0749, 0.3294, 0.3298



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.



62.6736, 0.3667, 0.3312



56.3682, 0.3829, 0.3317



78.0734, 0.3587, 0.3633



18.0749, 0.3294, 0.3298



11.2342, 0.6380, 0.3316



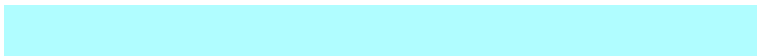
1.1234, 0.6330, 0.3356

Inverse Universe

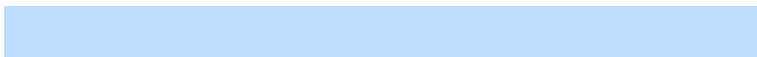
The Inverse Universe completely reimagines the original color for something new.



88.4445, 0.2750, 0.3268



86.4500, 0.2678, 0.3263



70.1111, 0.2718, 0.2920



20.3817, 0.2980, 0.3282



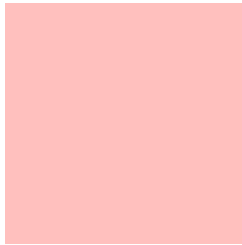
38.6684, 0.2221, 0.3195



3.7935, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 62.6770, 0.3667, 0.3312 looks on a white background.

Color Contrast Check

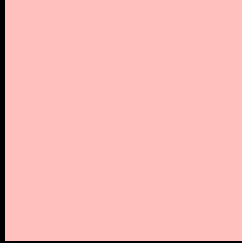
Large Text (above 18pt) WCAG AA × Fail

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 62.6770, 0.3667, 0.3312 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 62.6770, 0.3667, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 62.6770, 0.3667, 0.3312.

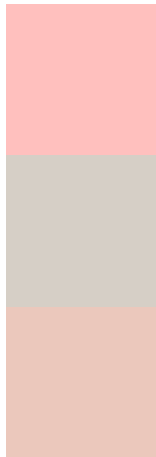


This preview shows how white text looks on a background with the Yxy color 62.6770, 0.3667, 0.3312.

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

62.6770, 0.3667, 0.3312

Protanopia

62.9990, 0.3245, 0.3393

Deuteranopia

62.6016, 0.3499, 0.3423



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.6770, 0.3667, 0.3312

Protanomaly

62.8392, 0.3392, 0.3369

Deuteranomaly

62.4839, 0.3555, 0.3378

Tritanomaly

62.6451, 0.3594, 0.3208

Monochromacy



Original Color

62.6770, 0.3667, 0.3312

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.8284, 0.3313, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6770, 0.3667, 0.3312 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, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 190) }
```

Border

The CSS property to change the border of an element to Yxy 62.6770, 0.3667, 0.3312 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, 192, 190) }
```

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

```
.border{ border-color:rgb(255, 192, 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, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6770, 0.3667, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 190) }
```

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

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