

Converting Colors

Yxy(62.8061, 0.3714, 0.3384)

Have a look what the booklet for
Yxy(62.8061, 0.3714, 0.3384)
contains.

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Color

Yxy(62.8606, 0.3714, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1B8
RGB	255, 193, 184
RGB Percent	100%, 76%, 72%
CMY	0.0001, 0.2430, 0.2785
CMYK	0.00, 0.24, 0.28, 0.00
HSL	8°, 100%, 86%
HSV	8°, 28%, 100%
XYZ	68.9499, 62.8606, 53.8381
YIQ	210.5120, 39.8410, 10.3450

Conversions

Conversions Part 2

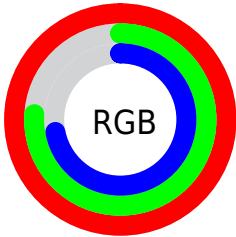
Format	Color
R _Y B	255, 194, 184
Decimal	16761272
CIE Lab	83.37, 20.95, 13.17
CIE LCh	83, 24.748, 32.164
Yxy	62.8606, 0.3714, 0.3386
Android (android.graphics.Color)	4294951352 (0xFFFFC1B8)
YUV	210.5120, -13.0704, 39.0160
Hunter-Lab	79.2847, 16.4842, 15.2385

Details

The Yxy color **62.8606, 0.3714, 0.3386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2711, 0.2711, 0.3191**, and the grayscale version is **64.8709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9225, 0.3218, 0.3387**, and **31.9742, 0.3865, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **52.7791, 0.4017, 0.3422**, and if you desaturate by 10%, it is **74.6205, 0.3464, 0.3350**.

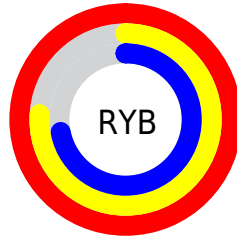
Distribution



Red (100%)

Green (76%)

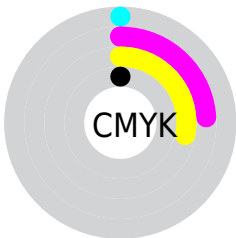
Blue (72%)



Red (100%)

Yellow (76%)

Blue (72%)

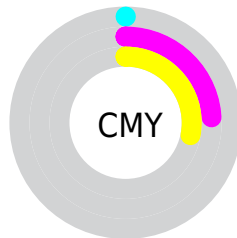


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8606, 0.3714, 0.3386 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 62.8606, 0.3714, 0.3386 by changing the saturation by 10% instead.


 62.8606, 0.3714,
0.3386

 62.8606, 0.3714,
0.3386


435.0634, 0.3432,
0.3347

 45.7284, 0.3781,
0.3393


 108.9684, 0.3614,
0.3374

 32.0316, 0.3864,
0.3402


138.7128, 0.3576,
0.3368

 21.3856, 0.3972,
0.3411


173.4301, 0.3544,
0.3364

 13.4062, 0.4116,
0.3420

213.5046, 0.3515,
0.3360

 7.7088, 0.4318,
0.3428

259.3208, 0.3491,
0.3356

 3.9092, 0.4619,
0.3427


311.2631, 0.3469,


 1.6229, 0.5135,

0.3353

0.3413


369.7158, 0.3450,
0.3350


 0.3730, 0.6990,
0.3010


 0.0000, 0.0000,
0.0000


 62.8606, 0.3714,
0.3386


 62.8606, 0.3714,
0.3386

 52.7791, 0.4017,
0.3422


 74.6205, 0.3464,
0.3350

 44.2911, 0.4378,
0.3455

 88.1214, 0.3260,
0.3315

 37.3172, 0.4792,
0.3479

99.9928, 0.3127,
0.3290

 31.7680, 0.5238,
0.3488

■ 27.5443, 0.5672,
0.3476

■ 24.5342, 0.6035,
0.3438

■ 22.6054, 0.6272,
0.3382

■ 22.3112, 0.6310,
0.3372

Harmonies

Analogous

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



62.8606, 0.3519, 0.3129



62.8606, 0.3714, 0.3386



62.8606, 0.3741, 0.3634

Triad

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



62.8606, 0.3714, 0.3386



62.8606, 0.3013, 0.3710



62.8606, 0.2666, 0.2787

Complementary

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



62.8606, 0.3714, 0.3386



83.2711, 0.2711, 0.3191

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.



62.8606, 0.2547, 0.2909



62.8606, 0.3714, 0.3386



62.8606, 0.2740, 0.3446

Square

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



62.8606, 0.3714, 0.3386



62.8606, 0.3326, 0.3844



62.8606, 0.2573, 0.3147



62.8606, 0.2908, 0.2793

Rectangle

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



62.8606, 0.3714, 0.3386



62.8606, 0.3661, 0.3762



62.8606, 0.2573, 0.3147



62.8606, 0.2611, 0.2813

Sweetspot

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



62.8635, 0.3714, 0.3386



87.9181, 0.3263, 0.3316



62.2236, 0.3222, 0.2669



18.3597, 0.3291, 0.3321



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.



62.8635, 0.3714, 0.3386



57.4730, 0.3864, 0.3405



80.0646, 0.3618, 0.3736



18.3597, 0.3291, 0.3321



11.7768, 0.6292, 0.3386



1.2579, 0.6121, 0.3522

Inverse Universe

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



83.2711, 0.2711, 0.3191



80.7334, 0.2641, 0.3171



64.0908, 0.2671, 0.2799



20.0634, 0.2980, 0.3259



31.3717, 0.2134, 0.2882



3.1601, 0.2148, 0.2933

Previews

White Background



This preview shows how the Yxy color 62.8606, 0.3714, 0.3386 looks on a white background.

Color Contrast Check

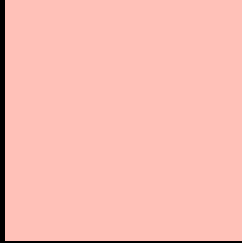
Large Text (above 18pt) WCAG AA × Fail

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 62.8606, 0.3714, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

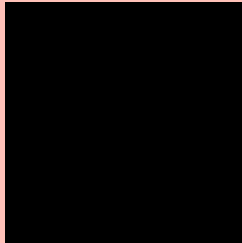
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8606, 0.3714, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 62.8606, 0.3714, 0.3386.



This preview shows how white text looks on a background with the Yxy color 62.8606, 0.3714, 0.3386.

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

62.8606, 0.3714, 0.3386

Protanopia

62.9862, 0.3311, 0.3474

Deuteranopia

62.7320, 0.3555, 0.3478



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.8606, 0.3714, 0.3386

Protanomaly

62.6949, 0.3454, 0.3447

Deuteranomaly

62.5845, 0.3620, 0.3442

Tritanomaly

62.9905, 0.3609, 0.3240

Monochromacy



Original Color

62.8606, 0.3714, 0.3386

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7337, 0.3328, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8606, 0.3714, 0.3386 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, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 184)  
}
```

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, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 184) }
```

Border

The CSS property to change the border of an element to Yxy 62.8606, 0.3714, 0.3386 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, 193, 184) }
```

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

```
.border{ border-color:rgb(255, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8606, 0.3714, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 184) }
```

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

```
.background{ background-color: rgb(255,  
193, 184) }
```

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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