

Converting Colors

$Y_{xy}(106.8859, 0.4850, 0.3356)$

Have a look what the booklet for
Yxy(106.8859, 0.4850, 0.3356)
contains.

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Color

Yxy(62.8188, 0.3723, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1B7
RGB	255, 193, 183
RGB Percent	100%, 76%, 72%
CMY	0.0000, 0.2432, 0.2824
CMYK	0.00, 0.24, 0.28, 0.00
HSL	8°, 100%, 86%
HSV	8°, 28%, 100%
XYZ	68.8676, 62.8188, 53.2924
YIQ	210.3980, 40.1620, 10.0340

Conversions

Conversions Part 2

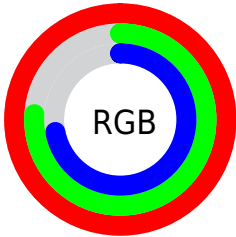
Format	Color
R _Y B	255, 195, 183
Decimal	16761271
CIE Lab	83.35, 20.87, 13.67
CIE LCh	83, 24.946, 33.235
Yxy	62.8188, 0.3723, 0.3396
Android (android.graphics.Color)	4294951351 (0xFFFFC1B7)
YUV	210.3980, -13.5072, 39.1160
Hunter-Lab	79.2583, 16.3967, 15.6149

Details

The Yxy color **62.8188, 0.3723, 0.3396** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5955, 0.2705, 0.3181**, and the grayscale version is **64.7893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8632, 0.3224, 0.3397**, and **31.9473, 0.3877, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **52.8481, 0.4026, 0.3435**, and if you desaturate by 10%, it is **74.4142, 0.3472, 0.3357**.

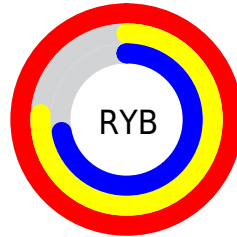
Distribution



Red (100%)

Green (76%)

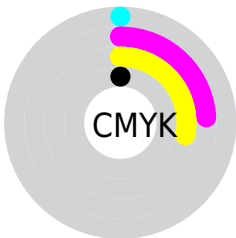
Blue (72%)



Red (100%)

Yellow (76%)

Blue (72%)

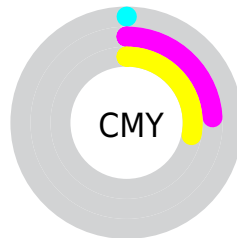


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8188, 0.3723, 0.3396 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 62.8188, 0.3723, 0.3396 by changing the saturation by 10% instead.

 62.8188, 0.3723,
0.3396

 62.8188, 0.3723,
0.3396


434.9116, 0.3437,
0.3352

 45.6946, 0.3791,
0.3404


 108.9081, 0.3622,
0.3382

 32.0049, 0.3876,
0.3414


138.6419, 0.3583,
0.3376

 21.3653, 0.3985,
0.3425


173.3478, 0.3550,
0.3371

 13.3913, 0.4132,
0.3436

213.4102, 0.3521,
0.3367

 7.6985, 0.4336,
0.3446

259.2133, 0.3496,
0.3363

 3.9026, 0.4641,
0.3448

311.1417, 0.3474,

 1.6193, 0.5171,

0.3359

0.3441

369.5796, 0.3455,
0.3355

0.3705, 0.6993,
0.3007

0.0000, 0.0000,
0.0000

62.8188, 0.3723,
0.3396

62.8188, 0.3723,
0.3396

52.8481, 0.4026,
0.3435

74.4142, 0.3472,
0.3357

44.4423, 0.4386,
0.3471

87.7173, 0.3267,
0.3319

37.5175, 0.4797,
0.3497

100.0000, 0.3127,
0.3290

31.9871, 0.5239,
0.3507

■ 27.7556, 0.5669,
0.3493

■ 24.7153, 0.6028,
0.3452

■ 22.7383, 0.6265,
0.3392

■ 22.4853, 0.6296,
0.3383

Harmonies

Analogous

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



62.8188, 0.3532, 0.3136



62.8188, 0.3723, 0.3396



62.8188, 0.3743, 0.3644

Triad

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



62.8188, 0.3723, 0.3396



62.8188, 0.3001, 0.3706



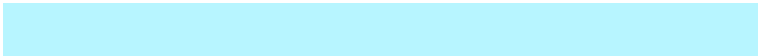
62.8188, 0.2669, 0.2781

Complementary

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



62.8188, 0.3723, 0.3396



82.5955, 0.2705, 0.3181

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.



62.8188, 0.2545, 0.2900



62.8188, 0.3723, 0.3396



62.8188, 0.2729, 0.3436

Square

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



62.8188, 0.3723, 0.3396



62.8188, 0.3317, 0.3847



62.8188, 0.2566, 0.3136



62.8188, 0.2916, 0.2792

Rectangle

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



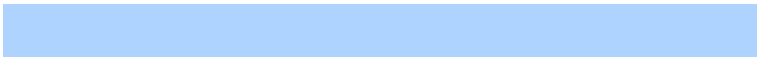
62.8188, 0.3723, 0.3396



62.8188, 0.3659, 0.3771



62.8188, 0.2566, 0.3136



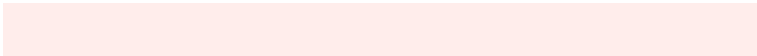
62.8188, 0.2612, 0.2806

Sweetspot

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



62.8141, 0.3723, 0.3396



88.0535, 0.3263, 0.3318



61.7424, 0.3232, 0.2671



18.3935, 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.



62.8141, 0.3723, 0.3396



56.8756, 0.3891, 0.3419



80.4955, 0.3623, 0.3754



18.3935, 0.3291, 0.3324



11.8719, 0.6277, 0.3398



1.2737, 0.6098, 0.3540

Inverse Universe

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



82.5955, 0.2705, 0.3181



79.6591, 0.2626, 0.3155



63.0831, 0.2662, 0.2777



20.0261, 0.2980, 0.3256



30.5769, 0.2123, 0.2843



3.0904, 0.2139, 0.2899

Previews

White Background



This preview shows how the Yxy color 62.8188, 0.3723, 0.3396 looks on a white background.

Color Contrast Check

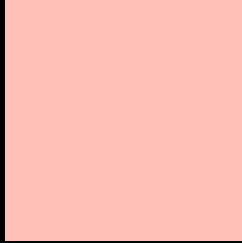
Large Text (above 18pt) WCAG AA × Fail

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 62.8188, 0.3723, 0.3396 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 62.8188, 0.3723, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 62.8188, 0.3723, 0.3396.



This preview shows how white text looks on a background with the Yxy color 62.8188, 0.3723, 0.3396.

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

62.8188, 0.3723, 0.3396

Protanopia

62.9423, 0.3319, 0.3486

Deuteranopia

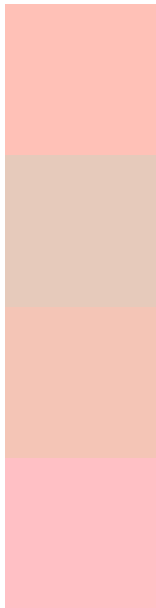
62.8631, 0.3571, 0.3488



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.8188, 0.3723, 0.3396

Protanomaly

62.6519, 0.3462, 0.3458

Deuteranomaly

62.5430, 0.3628, 0.3453

Tritanomaly

62.9905, 0.3609, 0.3240

Monochromacy



Original Color

62.8188, 0.3723, 0.3396

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5246, 0.3328, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8188, 0.3723, 0.3396 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 183) }
```

Border

The CSS property to change the border of an element to Yxy 62.8188, 0.3723, 0.3396 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, 183) }
```

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

```
.border{ border-color:rgb(255, 193, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8188, 0.3723, 0.3396 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
193, 183) }
```

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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