

Converting Colors

$Yxy(62.4401, 0.3682, 0.3326)$

Have a look what the booklet for
Yxy(62.4401, 0.3682, 0.3326)
contains.

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Color

Yxy(62.5901, 0.3684, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BC
RGB	255, 192, 188
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2471, 0.2627
CMYK	0.00, 0.25, 0.26, 0.00
HSL	4°, 100%, 87%
HSV	4°, 26%, 100%
XYZ	69.1815, 62.5901, 56.0175
YIQ	210.3810, 38.8320, 12.1120

Conversions

Conversions Part 2

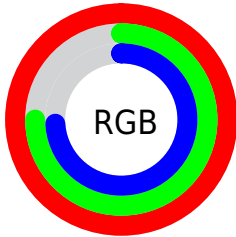
Format	Color
R _Y B	255, 192, 188
Decimal	16761020
CIE Lab	83.23, 22.07, 10.82
CIE LCh	83, 24.578, 26.125
Yxy	62.5901, 0.3684, 0.3333
Android (android.graphics.Color)	4294951100 (0xFFFFC0BC)
YUV	210.3810, -11.0338, 39.1309
Hunter-Lab	79.1139, 17.6408, 13.3988

Details

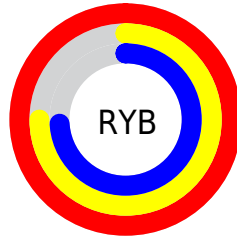
The Yxy color **62.5901, 0.3684, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9248, 0.2738, 0.3247**, and the grayscale version is **64.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5430, 0.3195, 0.3338**, and **31.7965, 0.3824, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **51.8904, 0.3991, 0.3350**, and if you desaturate by 10%, it is **75.1872, 0.3434, 0.3316**.

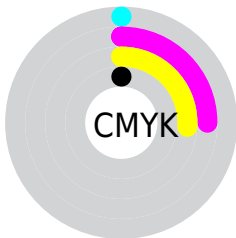
Distribution



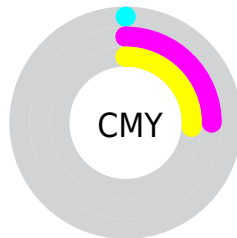
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5901, 0.3684, 0.3333 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 62.5901, 0.3684, 0.3333 by changing the saturation by 10% instead.


 62.5901, 0.3684,
0.3333

 62.5901, 0.3684,
0.3333


434.0803, 0.3417,
0.3318

 45.5097, 0.3747,
0.3335

 108.5779, 0.3589,
0.3329

 31.8591, 0.3827,
0.3337

138.2541, 0.3553,
0.3327

 21.2539, 0.3930,
0.3338

172.8977, 0.3522,
0.3325

 13.3097, 0.4067,
0.3337

212.8931, 0.3495,
0.3324

 7.6422, 0.4260,
0.3331

258.6247, 0.3472,
0.3322

 3.8668, 0.4549,
0.3313


310.4768, 0.3451,

 1.5994, 0.5031,


0.3321


0.3261


368.8339, 0.3433,
0.3319


 0.3572, 0.7110,
0.2890


 0.0000, 0.0000,
0.0000

 62.5901, 0.3684,
0.3333


 62.5901, 0.3684,
0.3333

 51.8904, 0.3991,
0.3350


 75.1872, 0.3434,
0.3316

 43.0152, 0.4361,
0.3366

 89.7890, 0.3233,
0.3300

 35.8565, 0.4791,
0.3378

100.0000, 0.3127,
0.3290

 30.3035, 0.5258,
0.3383

■ 26.2320, 0.5714,
0.3376

■ 23.4998, 0.6087,
0.3358

■ 21.9369, 0.6318,
0.3330

■ 21.6050, 0.6371,
0.3324

Harmonies

Analogous

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



62.5901, 0.3463, 0.3082



62.5901, 0.3684, 0.3333



62.5901, 0.3747, 0.3586

Triad

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



62.5901, 0.3684, 0.3333



62.5901, 0.3076, 0.3747



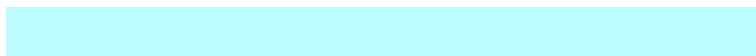
62.5901, 0.2634, 0.2804

Complementary

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



62.5901, 0.3684, 0.3333



86.9248, 0.2738, 0.3247

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.



62.5901, 0.2544, 0.2951



62.5901, 0.3684, 0.3333



62.5901, 0.2790, 0.3504

Square

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



62.5901, 0.3684, 0.3333



62.5901, 0.3386, 0.3847



62.5901, 0.2599, 0.3206



62.5901, 0.2853, 0.2784

Rectangle

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



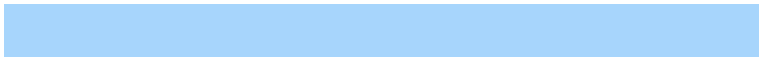
62.5901, 0.3684, 0.3333



62.5901, 0.3689, 0.3726



62.5901, 0.2599, 0.3206



62.5901, 0.2588, 0.2839

Sweetspot

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



62.5833, 0.3684, 0.3333



87.1164, 0.3264, 0.3302



64.2375, 0.3182, 0.2664



18.1598, 0.3293, 0.3305



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.



62.5833, 0.3684, 0.3333



56.2283, 0.3852, 0.3343



78.6635, 0.3598, 0.3666



18.1598, 0.3293, 0.3305



11.3560, 0.6360, 0.3332



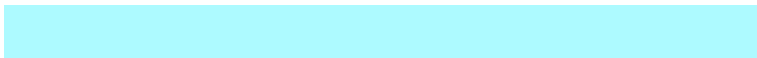
1.1637, 0.6265, 0.3408

Inverse Universe

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



86.9248, 0.2738, 0.3247



84.6217, 0.2662, 0.3236



68.1367, 0.2703, 0.2882



20.2860, 0.2980, 0.3275



36.3790, 0.2196, 0.3104



3.5959, 0.2202, 0.3126

Previews

White Background



This preview shows how the Yxy color 62.5901, 0.3684, 0.3333 looks on a white background.

Color Contrast Check

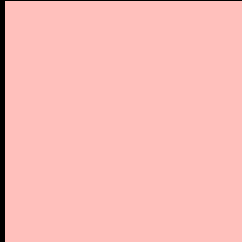
Large Text (above 18pt) WCAG AA × Fail

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 62.5901, 0.3684, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

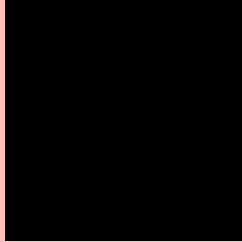
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5901, 0.3684, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 62.5901, 0.3684, 0.3333.

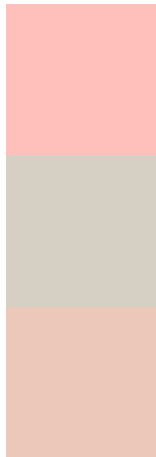


This preview shows how white text looks on a background with the Yxy color 62.5901, 0.3684, 0.3333.

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

62.5901, 0.3684, 0.3333

Protanopia

62.9073, 0.3259, 0.3417

Deuteranopia

62.5159, 0.3515, 0.3445



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.5901, 0.3684, 0.3333

Protanomaly

62.7493, 0.3408, 0.3391

Deuteranomaly

62.3976, 0.3571, 0.3399

Tritanomaly

62.5988, 0.3603, 0.3219

Monochromacy



Original Color

62.5901, 0.3684, 0.3333

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1449, 0.3314, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5901, 0.3684, 0.3333 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.5901, 0.3684, 0.3333 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, 188) }
```

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

```
.border{ border-color:rgb(255, 192, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5901, 0.3684, 0.3333 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
192, 188) }
```

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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