

Converting Colors

$Y_{xy}(63.0758, 0.3558, 0.3258)$

Have a look what the booklet for
Yxy(63.0758, 0.3558, 0.3258)
contains.

| | |
|--|----|
| Yxy(62.9388, 0.3563, 0.3260) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(62.9388, 0.3563, 0.3260)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAC2C5 |
| RGB | 250, 194, 197 |
| RGB Percent | 98%, 76%, 77% |
| CMY | 0.0197, 0.2392, 0.2275 |
| CMYK | 0.00, 0.22, 0.21, 0.02 |
| HSL | 357°, 85%, 87% |
| HSV | 357°, 22%, 98% |
| XYZ | 68.7886, 62.9388, 61.3364 |
| YIQ | 211.0860, 32.4130, 12.8050 |

Conversions

Conversions Part 2

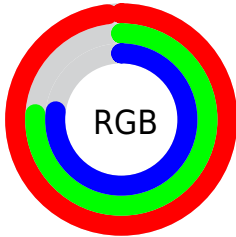
| Format | Color |
|-------------------------------------|---|
| R _Y B | 250, 194, 197 |
| Decimal | 16433861 |
| CIE Lab | 83.41, 20.42, 6.22 |
| CIE LCh | 83, 21.348, 16.940 |
| Yxy | 62.9388, 0.3563, 0.3260 |
| Android (android.graphics.Color) | 4294623941 (0xFFFA ^C 2C5) |
| YUV | 211.0860, -6.9444, 34.1276 |
| Hunter-Lab | 79.3340, 15.9387, 9.6942 |

Details

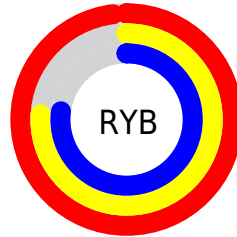
The Yxy color **62.9388, 0.3563, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5496, 0.2810, 0.3321**, and the grayscale version is **65.2325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4101, 0.3135, 0.3261**, and **32.0768, 0.3682, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **51.7323, 0.3839, 0.3246**, and if you desaturate by 10%, it is **76.1931, 0.3341, 0.3274**.

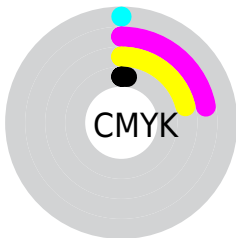
Distribution



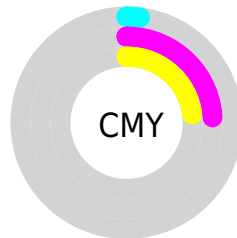
- Red (98%)
- Green (76%)
- Blue (77%)



- Red (98%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9388, 0.3563, 0.3260 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 62.9388, 0.3563, 0.3260 by changing the saturation by 10% instead.


 62.9388, 0.3563,
0.3260

 62.9388, 0.3563,
0.3260

435.3473, 0.3355,
0.3277

 45.7917, 0.3612,
0.3255

 109.0812, 0.3489,
0.3267

 32.0815, 0.3674,
0.3249


138.8453, 0.3461,
0.3269

 21.4237, 0.3754,
0.3240


173.5839, 0.3437,
0.3271

 13.4341, 0.3861,
0.3227

213.6813, 0.3416,
0.3273

 7.7281, 0.4012,
0.3207

259.5219, 0.3398,
0.3274

 3.9215, 0.4238,
0.3172


311.4902, 0.3382,

 1.6297, 0.4616,

0.3275

0.3103

369.9706, 0.3367,
0.3276


 0.3775, 0.6943,
0.3057


 0.0000, 0.0000,
0.0000


 62.9388, 0.3563,
0.3260


 62.9388, 0.3563,
0.3260


 51.7323, 0.3839,
0.3246


 76.1931, 0.3341,
0.3274

 42.4635, 0.4178,
0.3233

 91.5810, 0.3164,
0.3287

 35.0249, 0.4581,
0.3223

 99.0613, 0.3096,
0.3290

 29.2955, 0.5036,
0.3219

■ 25.1393, 0.5506,
0.3223

■ 22.3998, 0.5928,
0.3238

■ 20.8883, 0.6231,
0.3262

■ 20.3510, 0.6362,
0.3278

Harmonies

Analogous

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



62.9388, 0.3341, 0.3050



62.9388, 0.3563, 0.3260



62.9388, 0.3663, 0.3486

Triad

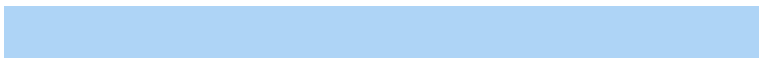
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9388, 0.3563, 0.3260



62.9388, 0.3168, 0.3725



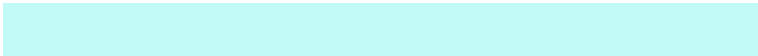
62.9388, 0.2660, 0.2895

Complementary

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



62.9388, 0.3563, 0.3260



86.5496, 0.2810, 0.3321

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.



62.9388, 0.2619, 0.3057



62.9388, 0.3563, 0.3260



62.9388, 0.2905, 0.3548

Square

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



62.9388, 0.3563, 0.3260



62.9388, 0.3428, 0.3768



62.9388, 0.2707, 0.3297



62.9388, 0.2821, 0.2842

Rectangle

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



62.9388, 0.3563, 0.3260



62.9388, 0.3645, 0.3619



62.9388, 0.2707, 0.3297



62.9388, 0.2632, 0.2938

Sweetspot

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



62.9417, 0.3563, 0.3260



88.0940, 0.3241, 0.3281



65.1299, 0.3125, 0.2727



18.6474, 0.3252, 0.3280



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.



62.9417, 0.3563, 0.3260



60.1502, 0.3684, 0.3254



74.4991, 0.3533, 0.3542



17.2401, 0.3286, 0.3278



10.8024, 0.6346, 0.3270



1.0056, 0.6216, 0.3198

Inverse Universe

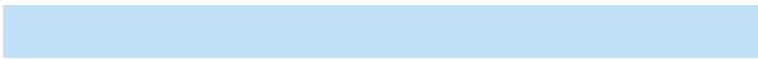
The Inverse Universe completely reimagines the original color for something new.



62.9417, 0.3563, 0.3260



60.1502, 0.3684, 0.3254



72.6190, 0.2774, 0.3023



17.2401, 0.3286, 0.3278



10.8024, 0.6346, 0.3270



1.0056, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 62.9388, 0.3563, 0.3260 looks on a white background.

Color Contrast Check

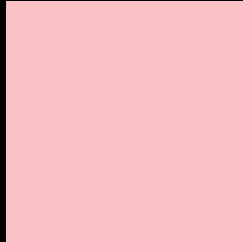
Large Text (above 18pt) WCAG AA × Fail

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 62.9388, 0.3563, 0.3260 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 62.9388, 0.3563, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 62.9388, 0.3563, 0.3260.



This preview shows how white text looks on a background with the Yxy color 62.9388, 0.3563, 0.3260.

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

62.9388, 0.3563, 0.3260

Protanopia

63.1314, 0.3194, 0.3324

Deuteranopia

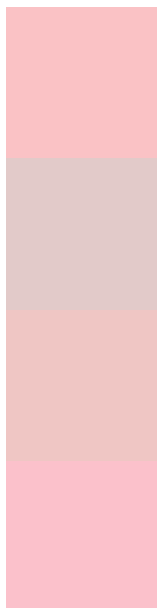
63.0824, 0.3419, 0.3346



Tritanopia

62.7135, 0.3494, 0.3135

Trichromacy



Original Color

62.9388, 0.3563, 0.3260

Protanomaly

62.6269, 0.3323, 0.3302

Deuteranomaly

62.7244, 0.3473, 0.3313

Tritanomaly

62.9610, 0.3524, 0.3187

Monochromacy



Original Color

62.9388, 0.3563, 0.3260

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1264, 0.3274, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9388, 0.3563, 0.3260 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(250, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 194, 197)  
}
```

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(250, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 194, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.9388, 0.3563, 0.3260 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(250, 194, 197) }
```

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

```
.border{ border-color:rgb(250, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 194, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 194, 197); box-shadow:4px 4px 4px 4px rgb(250, 194, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9388, 0.3563, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 194, 197) }
```

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

```
.background{ background-color: rgb(250,  
194, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor