

Converting Colors

$Y_{xy}(62.2672, 0.3559, 0.3233)$

Have a look what the booklet for
Yxy(62.2672, 0.3559, 0.3233)
contains.

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Color

Yxy(62.1005, 0.3559, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	FAC0C6
RGB	250, 192, 198
RGB Percent	98%, 75%, 78%
CMY	0.0196, 0.2470, 0.2235
CMYK	0.00, 0.23, 0.21, 0.02
HSL	354°, 85%, 87%
HSV	354°, 23%, 98%
XYZ	68.4683, 62.1005, 61.8119
YIQ	210.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

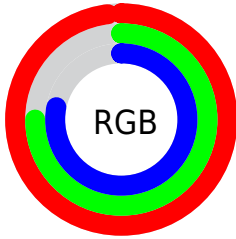
Format	Color
R _Y B	250, 192, 198
Decimal	16433350
CIE Lab	82.97, 21.63, 5.03
CIE LCh	83, 22.211, 13.088
Yxy	62.1005, 0.3559, 0.3228
Android (android.graphics.Color)	4294623430 (0xFFFA0C6)
YUV	210.0260, -5.9288, 35.0572
Hunter-Lab	78.8039, 17.1820, 8.6570

Details

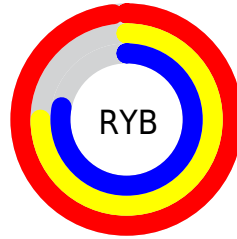
The Yxy color **62.1005, 0.3559, 0.3228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.1099, 0.2814, 0.3354**, and the grayscale version is **64.4926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.5280, 0.3677, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **51.0822, 0.3824, 0.3200**, and if you desaturate by 10%, it is **75.1421, 0.3346, 0.3256**.

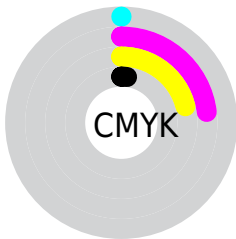
Distribution



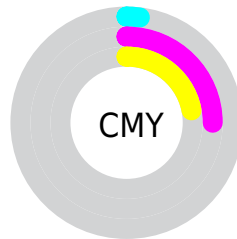
- Red (98%)
- Green (75%)
- Blue (78%)



- Red (98%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1005, 0.3559, 0.3228 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 62.1005, 0.3559, 0.3228 by changing the saturation by 10% instead.

 62.1005, 0.3559,
0.3228

 62.1005, 0.3559,
0.3228


432.2976, 0.3352,
0.3260

 45.1139, 0.3608,
0.3220


 107.8708, 0.3486,
0.3240

 31.5472, 0.3670,
0.3209


137.4232, 0.3458,
0.3244

 21.0158, 0.3749,
0.3195


171.9331, 0.3434,
0.3248

 13.1356, 0.3856,
0.3175

211.7848, 0.3413,
0.3251

 7.5220, 0.4006,
0.3145

257.3627, 0.3395,
0.3254

 3.7906, 0.4233,
0.3097


309.0512, 0.3379,

 1.5571, 0.4614,


0.3256


0.3006


367.2347, 0.3365,
0.3258


 0.3284, 0.7153,
0.2796

 0.0000, 0.0000,
0.0000


 62.1005, 0.3559,
0.3228

 62.1005, 0.3559,
0.3228


 51.0822, 0.3824,
0.3200


 75.1421, 0.3346,
0.3256

 41.9779, 0.4148,
0.3174

 90.2923, 0.3174,
0.3282

 34.6807, 0.4533,
0.3152

 99.0641, 0.3096,
0.3290

 29.0699, 0.4969,
0.3142

■ 25.0103, 0.5425,
0.3147

■ 22.3455, 0.5844,
0.3172

■ 20.8863, 0.6163,
0.3216

■ 20.3983, 0.6304,
0.3247

Harmonies

Analogous

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



62.1005, 0.3315, 0.3015



62.1005, 0.3559, 0.3228



62.1005, 0.3683, 0.3464

Triad

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



62.1005, 0.3559, 0.3228



62.1005, 0.3206, 0.3760



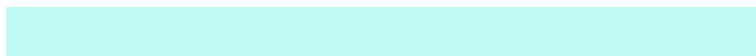
62.1005, 0.2627, 0.2893

Complementary

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



62.1005, 0.3559, 0.3228



86.1099, 0.2814, 0.3354

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.



62.1005, 0.2602, 0.3075



62.1005, 0.3559, 0.3228



62.1005, 0.2928, 0.3590

Square

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



62.1005, 0.3559, 0.3228



62.1005, 0.3472, 0.3785



62.1005, 0.2709, 0.3332



62.1005, 0.2779, 0.2823

Rectangle

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



62.1005, 0.3559, 0.3228



62.1005, 0.3678, 0.3608



62.1005, 0.2709, 0.3332



62.1005, 0.2604, 0.2942

Sweetspot

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



62.1034, 0.3559, 0.3228



88.1472, 0.3235, 0.3272



63.7000, 0.3103, 0.2702



18.6596, 0.3245, 0.3271



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.



62.1034, 0.3559, 0.3228



59.1366, 0.3680, 0.3214



72.3431, 0.3557, 0.3522



17.2544, 0.3278, 0.3266



10.8294, 0.6281, 0.3234



1.0124, 0.6052, 0.3108

Inverse Universe

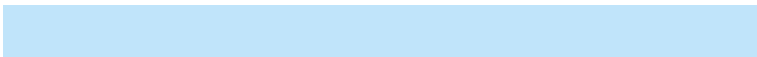
The Inverse Universe completely reimagines the original color for something new.



62.1034, 0.3559, 0.3228



59.1366, 0.3680, 0.3214



73.4690, 0.2764, 0.3045



17.2544, 0.3278, 0.3266



10.8294, 0.6281, 0.3234



1.0124, 0.6052, 0.3108

Previews

White Background



This preview shows how the Yxy color 62.1005, 0.3559, 0.3228 looks on a white background.

Color Contrast Check

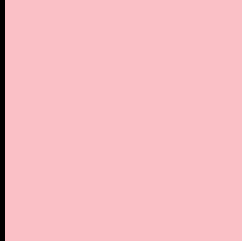
Large Text (above 18pt) WCAG AA × Fail

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 62.1005, 0.3559, 0.3228 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 62.1005, 0.3559, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 62.1005, 0.3559, 0.3228.



This preview shows how white text looks on a background with the Yxy color 62.1005, 0.3559, 0.3228.

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

62.1005, 0.3559, 0.3228

Protanopia

62.4477, 0.3165, 0.3290

Deuteranopia

62.3287, 0.3396, 0.3324



Tritanopia

62.2271, 0.3504, 0.3135

Trichromacy



Original Color

62.1005, 0.3559, 0.3228

Protanomaly

62.0926, 0.3301, 0.3268

Deuteranomaly

62.1409, 0.3459, 0.3291

Tritanomaly

62.0826, 0.3528, 0.3166

Monochromacy



Original Color

62.1005, 0.3559, 0.3228

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1757, 0.3276, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1005, 0.3559, 0.3228 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, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 198)  
}
```

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, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.1005, 0.3559, 0.3228 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, 192, 198) }
```

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

```
.border{ border-color:rgb(250, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1005, 0.3559, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 198) }
```

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

```
.background{ background-color: rgb(250,  
192, 198) }
```

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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