

Converting Colors

Yxy(62.9146, 0.3561, 0.3201)

Have a look what the booklet for
Yxy(62.9146, 0.3561, 0.3201)
contains.

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Color

Yxy(62.7990, 0.3559, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FDC0C9
RGB	253, 192, 201
RGB Percent	99%, 75%, 79%
CMY	0.0080, 0.2470, 0.2118
CMYK	0.00, 0.24, 0.21, 0.01
HSL	351°, 94%, 87%
HSV	351°, 24%, 99%
XYZ	69.8879, 62.7990, 63.6827
YIQ	211.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

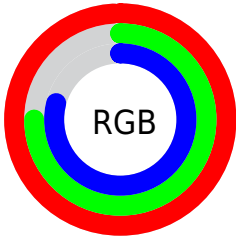
Format	Color
R _Y B	253, 192, 201
Decimal	16629961
CIE Lab	83.34, 23.12, 4.01
CIE LCh	83, 23.463, 9.848
Yxy	62.7990, 0.3559, 0.3198
Android (android.graphics.Color)	4294820041 (0xFFFD0C9)
YUV	211.2650, -5.0606, 36.6016
Hunter-Lab	79.2458, 18.7413, 7.8261

Details

The Yxy color **62.7990, 0.3559, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9688, 0.2816, 0.3385**, and the grayscale version is **65.3430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.8856, 0.3665, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **51.6846, 0.3815, 0.3158**, and if you desaturate by 10%, it is **75.9710, 0.3352, 0.3238**.

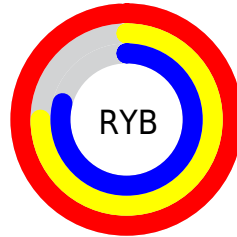
Distribution



Red (99%)

Green (75%)

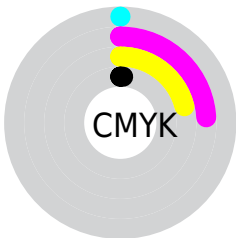
Blue (79%)



Red (99%)

Yellow (75%)

Blue (79%)

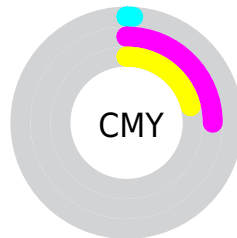


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7990, 0.3559, 0.3198 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 62.7990, 0.3559, 0.3198 by changing the saturation by 10% instead.

 62.7990, 0.3559,
0.3198

 62.7990, 0.3559,
0.3198


434.8396, 0.3353,
0.3244

 45.6786, 0.3608,
0.3187


 108.8795, 0.3486,
0.3215

 31.9923, 0.3669,
0.3172


138.6084, 0.3458,
0.3221

 21.3556, 0.3748,
0.3153


173.3089, 0.3434,
0.3226

 13.3842, 0.3853,
0.3127

213.3654, 0.3414,
0.3231

 7.6936, 0.4001,
0.3089

259.1624, 0.3395,
0.3235

 3.8995, 0.4224,
0.3029

311.0841, 0.3380,

 1.6175, 0.4596,

0.3238

0.2922

369.5151, 0.3365,
0.3241

0.3694, 0.6514,
0.2622

0.0000, 0.0000,
0.0000

62.7990, 0.3559,
0.3198

62.7990, 0.3559,
0.3198

51.6846, 0.3815,
0.3158

75.9710, 0.3352,
0.3238

42.5156, 0.4127,
0.3120

91.2880, 0.3185,
0.3275

35.1823, 0.4498,
0.3090

99.6156, 0.3115,
0.3290

29.5605, 0.4917,
0.3073

■ 25.5107, 0.5358,
0.3079

■ 22.8714, 0.5770,
0.3111

■ 21.4455, 0.6095,
0.3170

■ 21.0103, 0.6233,
0.3207

Harmonies

Analogous

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



62.7990, 0.3293, 0.2980



62.7990, 0.3559, 0.3198



62.7990, 0.3706, 0.3446

Triad

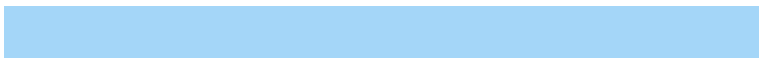
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7990, 0.3559, 0.3198



62.7990, 0.3242, 0.3797



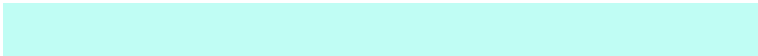
62.7990, 0.2592, 0.2888

Complementary

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



62.7990, 0.3559, 0.3198



87.9688, 0.2816, 0.3385

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.



62.7990, 0.2581, 0.3089



62.7990, 0.3559, 0.3198



62.7990, 0.2947, 0.3632

Square

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



62.7990, 0.3559, 0.3198



62.7990, 0.3515, 0.3804



62.7990, 0.2708, 0.3365



62.7990, 0.2738, 0.2802

Rectangle

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



62.7990, 0.3559, 0.3198



62.7990, 0.3713, 0.3601



62.7990, 0.2708, 0.3365



62.7990, 0.2573, 0.2943

Sweetspot

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



62.8019, 0.3559, 0.3198



88.1931, 0.3230, 0.3265



64.0009, 0.3087, 0.2676



18.6702, 0.3240, 0.3262



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.



62.8019, 0.3559, 0.3198



58.1302, 0.3678, 0.3178



72.4488, 0.3582, 0.3512



18.0306, 0.3271, 0.3255



11.1931, 0.6204, 0.3192



1.1022, 0.5938, 0.3045

Inverse Universe

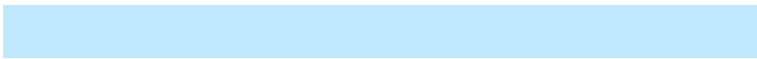
The Inverse Universe completely reimagines the original color for something new.



62.8019, 0.3559, 0.3198



58.1302, 0.3678, 0.3178



75.8068, 0.2751, 0.3057



18.0306, 0.3271, 0.3255



11.1931, 0.6204, 0.3192



1.1022, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 62.7990, 0.3559, 0.3198 looks on a white background.

Color Contrast Check

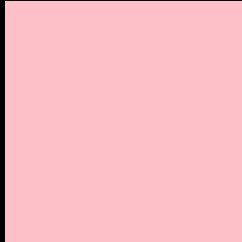
Large Text (above 18pt) WCAG AA × Fail

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 62.7990, 0.3559, 0.3198 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 62.7990, 0.3559, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 62.7990, 0.3559, 0.3198.



This preview shows how white text looks on a background with the Yxy color 62.7990, 0.3559, 0.3198.

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

62.7990, 0.3559, 0.3198

Protanopia

63.0780, 0.3143, 0.3267

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

62.7887, 0.3528, 0.3136

Trichromacy



Original Color

62.7990, 0.3559, 0.3198

Protanomaly

62.8660, 0.3285, 0.3246

Deuteranomaly

62.9090, 0.3441, 0.3269

Tritanomaly

62.6921, 0.3545, 0.3157

Monochromacy



Original Color

62.7990, 0.3559, 0.3198

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.8595, 0.3276, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7990, 0.3559, 0.3198 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(253, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 201)  
}
```

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(253, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 62.7990, 0.3559, 0.3198 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(253, 192, 201) }
```

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

```
.border{ border-color:rgb(253, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7990, 0.3559, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 201) }
```

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

```
.background{ background-color: rgb(253,  
192, 201) }
```

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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