

Converting Colors

$Yxy(62.7675, 0.3229, 0.3378)$

Have a look what the booklet for
Yxy(62.7675, 0.3229, 0.3378)
contains.

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Color

Yxy(62.8953, 0.3230, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFC7
RGB	213, 207, 199
RGB Percent	84%, 81%, 78%
CMY	0.1646, 0.1883, 0.2196
CMYK	0.00, 0.03, 0.07, 0.16
HSL	34°, 14%, 81%
HSV	34°, 7%, 84%
XYZ	60.0685, 62.8953, 63.0069
YIQ	207.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

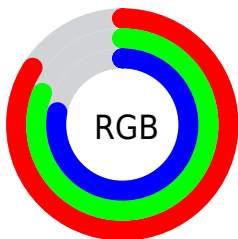
Format	Color
R _Y B	210, 213, 199
Decimal	14012359
CIE Lab	83.39, 0.69, 4.69
CIE LCh	83, 4.744, 81.663
Yxy	62.8953, 0.3230, 0.3382
Android (android.graphics.Color)	4292202439 (0xFFD5CFC7)
YUV	207.8820, -4.3788, 4.4885
Hunter-Lab	79.3066, -3.5866, 8.4103

Details

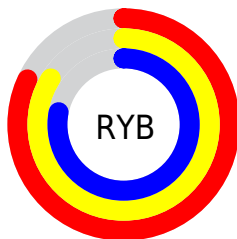
The Yxy color **62.8953, 0.3230, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6278, 0.3027, 0.3196**, and the grayscale version is **63.0260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0959, 0.3253, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **57.6647, 0.3403, 0.3528**, and if you desaturate by 10%, it is **68.5276, 0.3077, 0.3244**.

Distribution



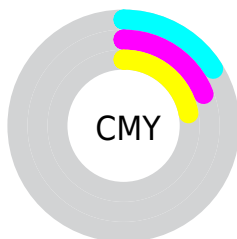
- Red (84%)
- Green (81%)
- Blue (78%)



- Red (82%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8953, 0.3230, 0.3382 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 62.8953, 0.3230, 0.3382 by changing the saturation by 10% instead.

■ 62.8953, 0.3230,
0.3382

■ 62.8953, 0.3230,
0.3382

435.1894, 0.3181,
0.3338

■ 45.7565, 0.3242,
0.3392

109.0184, 0.3213,
0.3367

■ 32.0537, 0.3256,
0.3405

138.7716, 0.3206,
0.3361

■ 21.4025, 0.3275,
0.3422

173.4983, 0.3200,
0.3356

■ 13.4186, 0.3299,
0.3444

213.5830, 0.3196,
0.3351

■ 7.7174, 0.3334,
0.3474

259.4101, 0.3191,
0.3347

■ 3.9147, 0.3387,
0.3521

311.3639, 0.3187,

■ 1.6259, 0.3476,

0.3344

369.8289, 0.3184,
0.3341

0.3598

0.3750, 0.4506,
0.4527

0.0000, 0.0000,
0.0000

62.8953, 0.3230,
0.3382

62.8953, 0.3230,
0.3382

57.6647, 0.3403,
0.3528

68.5276, 0.3077,
0.3244

52.8175, 0.3596,
0.3680

74.5631, 0.2942,
0.3115

48.3460, 0.3809,
0.3832

80.4935, 0.2868,
0.3075

44.2389, 0.4040,
0.3979

85.8613, 0.2872,
0.3172

■ 40.4844, 0.4282,
0.4110

■ 91.5032, 0.2876,
0.3267

■ 37.0696, 0.4528,
0.4215

■ 92.8907, 0.2877,
0.3289

■ 33.9806, 0.4765,
0.4281

■ 31.2017, 0.4979,
0.4298

■ 28.7141, 0.5158,
0.4260

Harmonies

Analogous

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



62.8953, 0.3245, 0.3345



62.8953, 0.3230, 0.3382



62.8953, 0.3187, 0.3395

Triad

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



62.8953, 0.3230, 0.3382



62.8953, 0.3027, 0.3285



62.8953, 0.3125, 0.3204

Complementary

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



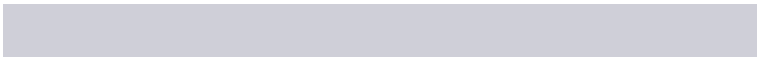
62.8953, 0.3230, 0.3382



60.6278, 0.3027, 0.3196

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.



62.8953, 0.3067, 0.3188



62.8953, 0.3230, 0.3382



62.8953, 0.3011, 0.3234

Square

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



62.8953, 0.3230, 0.3382



62.8953, 0.3070, 0.3339



62.8953, 0.3025, 0.3198



62.8953, 0.3184, 0.3242

Rectangle

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



62.8953, 0.3230, 0.3382



62.8953, 0.3149, 0.3387



62.8953, 0.3025, 0.3198



62.8953, 0.3105, 0.3195

Sweetspot

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



62.8980, 0.3230, 0.3382



98.2842, 0.3158, 0.3318



59.4099, 0.3193, 0.3220



21.0549, 0.3156, 0.3316



0.0000, 0.0000, 0.0000



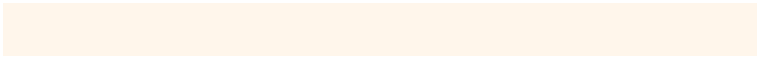
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8980, 0.3230, 0.3382



93.2836, 0.3255, 0.3403



65.7387, 0.3217, 0.3450



13.5837, 0.3277, 0.3423



17.2572, 0.5196, 0.4256



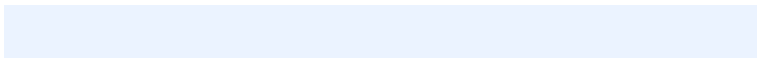
1.2038, 0.4977, 0.4430

Inverse Universe

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



60.6278, 0.3027, 0.3196



89.1400, 0.3003, 0.3174



57.9238, 0.3034, 0.3125



12.8784, 0.2982, 0.3154



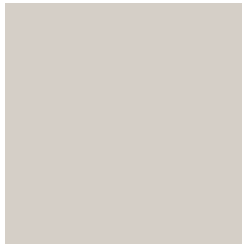
7.7643, 0.1712, 0.1363



0.6309, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 62.8953, 0.3230, 0.3382 looks on a white background.

Color Contrast Check

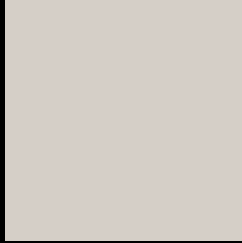
Large Text (above 18pt) WCAG AA × Fail

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 62.8953, 0.3230, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

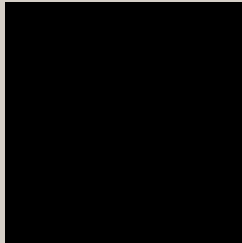
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

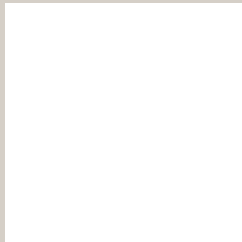
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8953, 0.3230, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 62.8953, 0.3230, 0.3382.

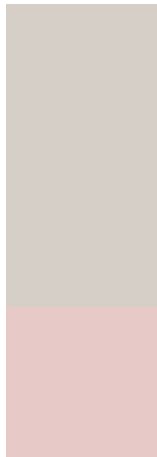


This preview shows how white text looks on a background with the Yxy color 62.8953, 0.3230, 0.3382.

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

62.8953, 0.3230, 0.3382

Protanopia

62.8953, 0.3230, 0.3382

Deuteranopia

62.9323, 0.3372, 0.3302



Tritanopia

62.9520, 0.3105, 0.3111

Trichromacy



Original Color

62.8953, 0.3230, 0.3382

Protanomaly

62.8953, 0.3230, 0.3382

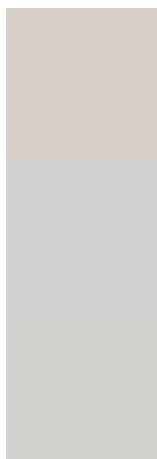
Deuteranomaly

62.7293, 0.3313, 0.3324

Tritanomaly

62.8632, 0.3154, 0.3211

Monochromacy



Original Color

62.8953, 0.3230, 0.3382

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2212, 0.3163, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8953, 0.3230, 0.3382 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(213, 207, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 199)  
}
```

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(213, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.8953, 0.3230, 0.3382 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(213, 207, 199) }
```

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

```
.border{ border-color:rgb(213, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8953, 0.3230, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 199) }
```

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

```
.background{ background-color: rgb(213,  
207, 199) }
```

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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