

Converting Colors

Yxy(62.7153, 0.3250, 0.3437)

Have a look what the booklet for
Yxy(62.7153, 0.3250, 0.3437)
contains.

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Color

Yxy(62.5628, 0.3251, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D4CFC3
RGB	212, 207, 195
RGB Percent	83%, 81%, 76%
CMY	0.1686, 0.1882, 0.2353
CMYK	0.00, 0.02, 0.08, 0.17
HSL	42°, 17%, 80%
HSV	42°, 8%, 83%
XYZ	59.3152, 62.5628, 60.5741
YIQ	207.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

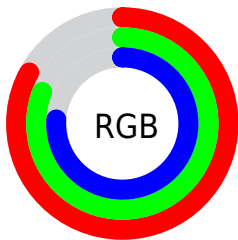
Format	Color
RYB	202, 212, 195
Decimal	13946819
CIELab	83.21, -0.36, 6.57
CIELCh	83, 6.575, 93.115
Yxy	62.5628, 0.3251, 0.3429
Android (android.graphics.Color)	4292136899 (0xFFD4CFC3)
YUV	207.1270, -5.9786, 4.2736
Hunter-Lab	79.0966, -4.5607, 9.9620

Details

The Yxy color **62.5628, 0.3251, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6619, 0.3004, 0.3147**, and the grayscale version is **62.5207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.8737, 0.3281, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **58.7118, 0.3419, 0.3610**, and if you desaturate by 10%, it is **66.6748, 0.3098, 0.3257**.

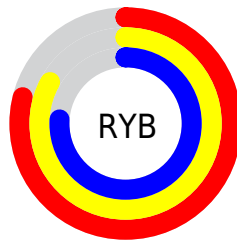
Distribution



Red (83%)

Green (81%)

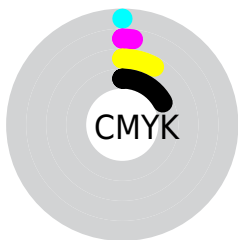
Blue (76%)



Red (79%)

Yellow (83%)

Blue (76%)

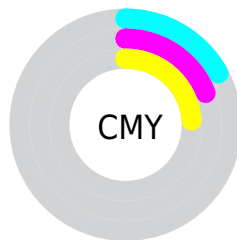


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5628, 0.3251, 0.3429 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 62.5628, 0.3251, 0.3429 by changing the saturation by 10% instead.

■ 62.5628, 0.3251,
0.3429

■ 62.5628, 0.3251,
0.3429

433.9811, 0.3192,
0.3363

■ 45.4876, 0.3265,
0.3445

108.5385, 0.3230,
0.3406

■ 31.8417, 0.3282,
0.3464

138.2078, 0.3222,
0.3397

■ 21.2406, 0.3305,
0.3489

172.8440, 0.3215,
0.3389

■ 13.3000, 0.3334,
0.3523

212.8314, 0.3210,
0.3382

■ 7.6354, 0.3376,
0.3570

258.5544, 0.3204,
0.3377

■ 3.8626, 0.3440,
0.3642

310.3974, 0.3200,

■ 1.5970, 0.3545,

0.3371

368.7448, 0.3196,
0.3367

0.3761

0.3556, 0.4808,
0.5192

0.0000, 0.0000,
0.0000

62.5628, 0.3251,
0.3429

62.5628, 0.3251,
0.3429

58.7118, 0.3419,
0.3610

66.6748, 0.3098,
0.3257

55.1064, 0.3600,
0.3794

71.0462, 0.2960,
0.3095

51.7420, 0.3792,
0.3978

75.4524, 0.2857,
0.2981

48.6105, 0.3991,
0.4153

78.8995, 0.2860,
0.3048

■ 45.7032, 0.4190,
0.4308

■ 82.4710, 0.2863,
0.3114

■ 43.0108, 0.4380,
0.4434

■ 86.1683, 0.2866,
0.3180

■ 40.5226, 0.4553,
0.4520

■ 89.9926, 0.2870,
0.3245

■ 38.2264, 0.4699,
0.4557

■ 92.7382, 0.2872,
0.3289

■ 36.1053, 0.4814,
0.4547

Harmonies

Analogous

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



62.5628, 0.3288, 0.3389



62.5628, 0.3251, 0.3429



62.5628, 0.3181, 0.3432

Triad

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



62.5628, 0.3251, 0.3429



62.5628, 0.2975, 0.3254



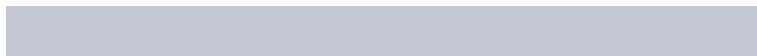
62.5628, 0.3157, 0.3188

Complementary

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



62.5628, 0.3251, 0.3429



57.6619, 0.3004, 0.3147

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.



62.5628, 0.3073, 0.3153



62.5628, 0.3251, 0.3429



62.5628, 0.2969, 0.3189

Square

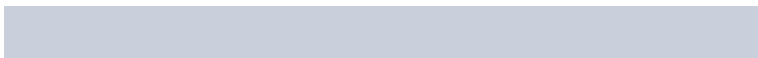
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5628, 0.3251, 0.3429



62.5628, 0.3021, 0.3330



62.5628, 0.3004, 0.3153



62.5628, 0.3233, 0.3250

Rectangle

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



62.5628, 0.3251, 0.3429



62.5628, 0.3125, 0.3412



62.5628, 0.3004, 0.3153



62.5628, 0.3128, 0.3173

Sweetspot

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



62.5655, 0.3251, 0.3429



98.7226, 0.3157, 0.3324



57.1998, 0.3226, 0.3231



21.1442, 0.3156, 0.3323



0.0000, 0.0000, 0.0000



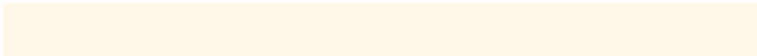
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5655, 0.3251, 0.3429



93.7734, 0.3285, 0.3466



64.5284, 0.3220, 0.3487



13.8744, 0.3274, 0.3454



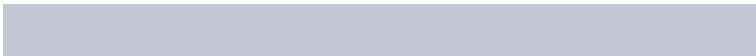
22.2202, 0.4824, 0.4552



1.4805, 0.4690, 0.4658

Inverse Universe

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



57.6619, 0.3004, 0.3147



84.5283, 0.2971, 0.3108



55.8404, 0.3030, 0.3088



12.5979, 0.2982, 0.3121



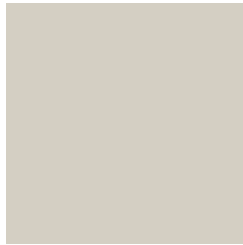
5.2367, 0.1609, 0.0993



0.4585, 0.1706, 0.1341

Previews

White Background



This preview shows how the Yxy color 62.5628, 0.3251, 0.3429 looks on a white background.

Color Contrast Check

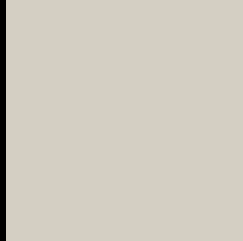
Large Text (above 18pt) WCAG AA × Fail

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 62.5628, 0.3251, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

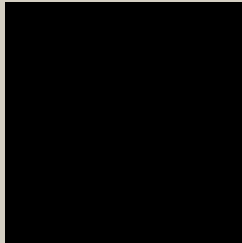
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

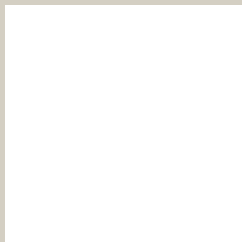
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5628, 0.3251, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 62.5628, 0.3251, 0.3429.



This preview shows how white text looks on a background with the Yxy color 62.5628, 0.3251, 0.3429.

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

62.5628, 0.3251, 0.3429

Protanopia

62.3789, 0.3268, 0.3417

Deuteranopia

62.2830, 0.3404, 0.3335



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.5628, 0.3251, 0.3429

Protanomaly

62.2289, 0.3260, 0.3417

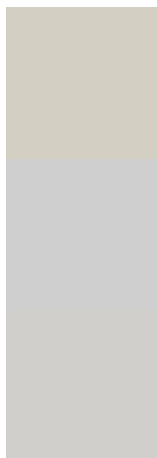
Deuteranomaly

62.5447, 0.3343, 0.3369

Tritanomaly

62.2859, 0.3169, 0.3222

Monochromacy



Original Color

62.5628, 0.3251, 0.3429

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4928, 0.3170, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5628, 0.3251, 0.3429 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(212, 207, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 195)  
}
```

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(212, 207, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.5628, 0.3251, 0.3429 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(212, 207, 195) }
```

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

```
.border{ border-color:rgb(212, 207, 195) }
```

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

Here you see how a box with a 4 pixel rgb(212, 207, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5628, 0.3251, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 195) }
```

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

```
.background{ background-color: rgb(212,  
207, 195) }
```

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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