

Converting Colors

Yxy(62.9009, 0.3173, 0.3324)

Have a look what the booklet for
Yxy(62.9009, 0.3173, 0.3324)
contains.

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Color

Yxy(62.8342, 0.3179, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D3CFCC
RGB	211, 207, 204
RGB Percent	83%, 81%, 80%
CMY	0.1725, 0.1882, 0.2001
CMYK	0.00, 0.02, 0.03, 0.17
HSL	26°, 7%, 81%
HSV	26°, 3%, 83%
XYZ	60.0752, 62.8342, 66.0657
YIQ	207.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

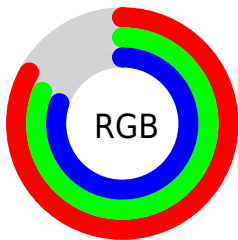
Format	Color
R _Y B	211, 209, 204
Decimal	13881292
CIE Lab	83.36, 0.84, 1.98
CIE LCh	83, 2.156, 66.996
Yxy	62.8342, 0.3179, 0.3325
Android (android.graphics.Color)	4292071372 (0xFFD3CFCC)
YUV	207.8540, -1.9000, 2.7590
Hunter-Lab	79.2680, -3.4386, 6.0726

Details

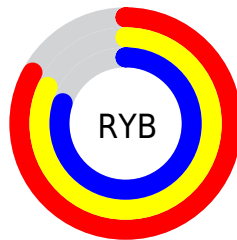
The Yxy color **62.8342, 0.3179, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6356, 0.3076, 0.3255**, and the grayscale version is **62.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1526, 0.3195, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **56.2957, 0.3350, 0.3435**, and if you desaturate by 10%, it is **69.9574, 0.3031, 0.3223**.

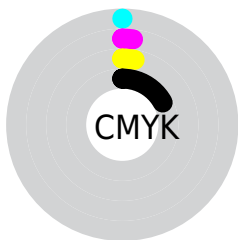
Distribution



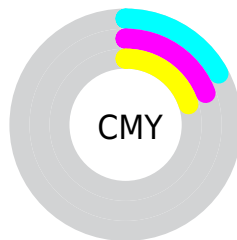
- Red (83%)
- Green (81%)
- Blue (80%)



- Red (83%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8342, 0.3179, 0.3325 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 62.8342, 0.3179, 0.3325 by changing the saturation by 10% instead.

■ 62.8342, 0.3179,
0.3325

■ 62.8342, 0.3179,
0.3325

434.9675, 0.3154,
0.3309

■ 45.7071, 0.3185,
0.3329

108.9303, 0.3170,
0.3319

■ 32.0147, 0.3192,
0.3334

138.6680, 0.3167,
0.3317

■ 21.3728, 0.3201,
0.3340

173.3781, 0.3164,
0.3315

■ 13.3967, 0.3214,
0.3348

213.4450, 0.3162,
0.3313

■ 7.7023, 0.3232,
0.3360

259.2529, 0.3159,
0.3312

■ 3.9051, 0.3258,
0.3377

311.1864, 0.3158,

■ 1.6206, 0.3303,

0.3311

0.3407

369.6298, 0.3156,
0.3310

0.3714, 0.3696,
0.3675

0.0000, 0.0000,
0.0000

62.8342, 0.3179,
0.3325

62.8342, 0.3179,
0.3325

56.2957, 0.3350,
0.3435

69.9574, 0.3031,
0.3223

50.3185, 0.3549,
0.3550

77.6718, 0.2904,
0.3128

44.8894, 0.3776,
0.3667

85.1786, 0.2860,
0.3165

39.9916, 0.4032,
0.3783

92.5910, 0.2866,
0.3289

■ 35.6074, 0.4316,
0.3888

■ 31.7179, 0.4618,
0.3971

■ 28.3027, 0.4926,
0.4021

■ 25.3398, 0.5219,
0.4025

■ 22.8041, 0.5474,
0.3975

Harmonies

Analogous

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



62.8342, 0.3179, 0.3304



62.8342, 0.3179, 0.3325



62.8342, 0.3165, 0.3336

Triad

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



62.8342, 0.3179, 0.3325



62.8342, 0.3090, 0.3300



62.8342, 0.3113, 0.3246

Complementary

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



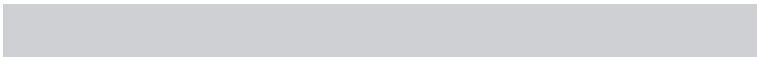
62.8342, 0.3179, 0.3325



62.6356, 0.3076, 0.3255

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.



62.8342, 0.3089, 0.3244



62.8342, 0.3179, 0.3325



62.8342, 0.3076, 0.3276

Square

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



62.8342, 0.3179, 0.3325



62.8342, 0.3114, 0.3322



62.8342, 0.3076, 0.3255



62.8342, 0.3141, 0.3259

Rectangle

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



62.8342, 0.3179, 0.3325



62.8342, 0.3150, 0.3337



62.8342, 0.3076, 0.3255



62.8342, 0.3104, 0.3244

Sweetspot

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



62.8369, 0.3179, 0.3325



98.9149, 0.3143, 0.3301



61.5779, 0.3152, 0.3243



21.1833, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



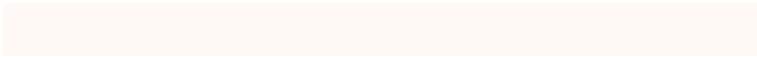
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8369, 0.3179, 0.3325



95.7145, 0.3190, 0.3333



64.5132, 0.3176, 0.3364



13.3029, 0.3201, 0.3340



13.0673, 0.5596, 0.3939



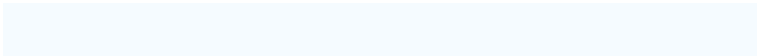
0.8869, 0.5277, 0.4192

Inverse Universe

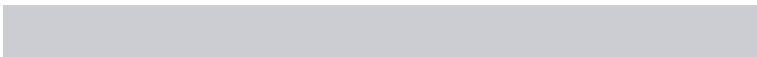
The Inverse Universe completely reimagines the original color for something new.



62.6356, 0.3076, 0.3255



95.3422, 0.3066, 0.3247



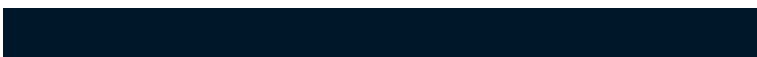
60.9851, 0.3077, 0.3215



13.2425, 0.3055, 0.3240



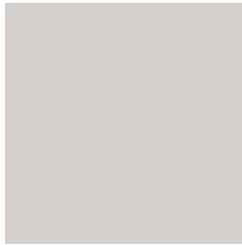
11.1540, 0.1840, 0.1824



0.7797, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 62.8342, 0.3179, 0.3325 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 62.8342, 0.3179, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

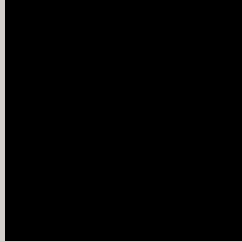
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

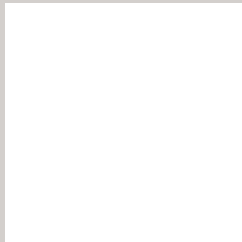
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8342, 0.3179, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 62.8342, 0.3179, 0.3325.

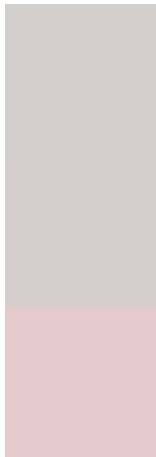


This preview shows how white text looks on a background with the Yxy color 62.8342, 0.3179, 0.3325.

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

62.8342, 0.3179, 0.3325

Protanopia

62.9823, 0.3186, 0.3325

Deuteranopia

62.6750, 0.3310, 0.3246



Tritanopia

62.5523, 0.3076, 0.3099

Trichromacy



Original Color

62.8342, 0.3179, 0.3325

Protanomaly

62.9823, 0.3186, 0.3325

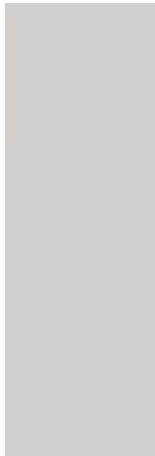
Deuteranomaly

62.6492, 0.3260, 0.3268

Tritanomaly

62.5660, 0.3110, 0.3177

Monochromacy



Original Color

62.8342, 0.3179, 0.3325

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1721, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8342, 0.3179, 0.3325 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(211, 207, 204) looks like.

```
.text, #text, p{  
    color:rgb(211, 207, 204)  
}
```

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(211, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.8342, 0.3179, 0.3325 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(211, 207, 204) }
```

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

```
.border{ border-color:rgb(211, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8342, 0.3179, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 204) }
```

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

```
.background{ background-color: rgb(211,  
207, 204) }
```

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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