

Converting Colors

$Yxy(61.9029, 0.3232, 0.3371)$

Have a look what the booklet for
Yxy(61.9029, 0.3232, 0.3371)
contains.

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Color

Yxy(61.7369, 0.3231, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC6
RGB	212, 205, 198
RGB Percent	83%, 80%, 78%
CMY	0.1687, 0.1960, 0.2235
CMYK	0.00, 0.03, 0.07, 0.17
HSL	30°, 14%, 80%
HSV	30°, 7%, 83%
XYZ	59.1729, 61.7369, 62.2314
YIQ	206.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

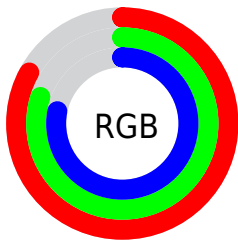
Format	Color
RYB	212, 212, 198
Decimal	13946310
CIELab	82.77, 1.19, 4.32
CIElCh	83, 4.483, 74.594
Yxy	61.7369, 0.3231, 0.3371
Android (android.graphics.Color)	4292136390 (0xFFD4CDC6)
YUV	206.2950, -4.0894, 5.0033
Hunter-Lab	78.5728, -3.0747, 8.0420

Details

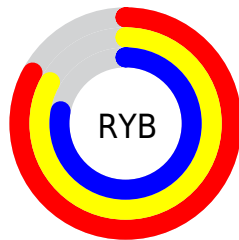
The Yxy color **61.7369, 0.3231, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4167, 0.3026, 0.3208**, and the grayscale version is **61.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3149, 0.3255, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **55.9357, 0.3407, 0.3500**, and if you desaturate by 10%, it is **68.0228, 0.3077, 0.3249**.

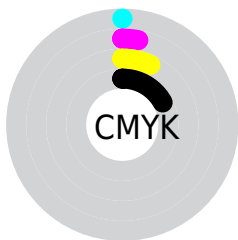
Distribution



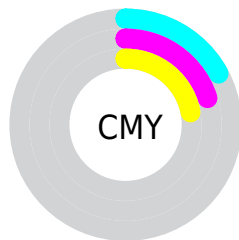
- Red (83%)
- Green (80%)
- Blue (78%)



- Red (83%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7369, 0.3231, 0.3371 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 61.7369, 0.3231, 0.3371 by changing the saturation by 10% instead.

■ 61.7369, 0.3231,
0.3371

■ 61.7369, 0.3231,
0.3371

430.9707, 0.3181,
0.3333

■ 44.8201, 0.3243,
0.3380

107.3452, 0.3213,
0.3357

■ 31.3158, 0.3257,
0.3391

136.8055, 0.3207,
0.3352

■ 20.8394, 0.3276,
0.3406

171.2158, 0.3201,
0.3348

■ 13.0067, 0.3302,
0.3425

210.9605, 0.3196,
0.3344

■ 7.4331, 0.3338,
0.3453

256.4239, 0.3192,
0.3341

■ 3.7344, 0.3393,
0.3494

307.9905, 0.3188,

■ 1.5261, 0.3485,

0.3338

0.3563

366.0446, 0.3184,
0.3335

0.3070, 0.4862,
0.4652

0.0000, 0.0000,
0.0000

61.7369, 0.3231,
0.3371

61.7369, 0.3231,
0.3371

55.9357, 0.3407,
0.3500

68.0228, 0.3077,
0.3249

50.5988, 0.3607,
0.3634

74.7972, 0.2943,
0.3137

45.7159, 0.3832,
0.3770

81.6412, 0.2862,
0.3099

41.2734, 0.4080,
0.3900

87.9424, 0.2868,
0.3210

■ 37.2566, 0.4346,
0.4016

■ 92.7344, 0.2871,
0.3289

■ 33.6502, 0.4622,
0.4106

■ 30.4371, 0.4892,
0.4157

■ 27.5988, 0.5141,
0.4158

■ 25.1132, 0.5351,
0.4105

Harmonies

Analogous

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



61.7369, 0.3238, 0.3332



61.7369, 0.3231, 0.3371



61.7369, 0.3196, 0.3389

Triad

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



61.7369, 0.3231, 0.3371



61.7369, 0.3040, 0.3298



61.7369, 0.3112, 0.3202

Complementary

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



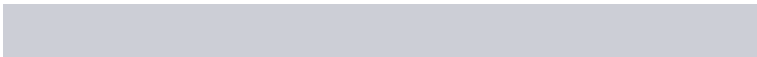
61.7369, 0.3231, 0.3371



60.4167, 0.3026, 0.3208

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.



61.7369, 0.3059, 0.3193



61.7369, 0.3231, 0.3371



61.7369, 0.3017, 0.3247

Square

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



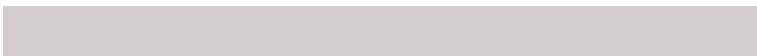
61.7369, 0.3231, 0.3371



61.7369, 0.3085, 0.3347



61.7369, 0.3024, 0.3209



61.7369, 0.3169, 0.3235

Rectangle

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



61.7369, 0.3231, 0.3371



61.7369, 0.3161, 0.3386



61.7369, 0.3024, 0.3209



61.7369, 0.3093, 0.3196

Sweetspot

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



61.7396, 0.3231, 0.3371



98.0623, 0.3158, 0.3314



58.7968, 0.3186, 0.3210



21.0098, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



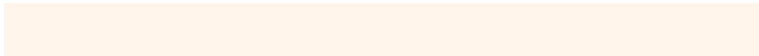
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7396, 0.3231, 0.3371



92.4290, 0.3256, 0.3390



65.1505, 0.3224, 0.3450



13.4381, 0.3279, 0.3407



15.2273, 0.5396, 0.4097



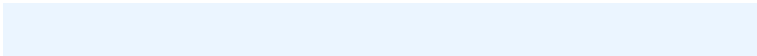
1.0840, 0.5134, 0.4306

Inverse Universe

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



60.4167, 0.3026, 0.3208



89.9880, 0.3003, 0.3188



57.1549, 0.3027, 0.3125



13.0226, 0.2982, 0.3170



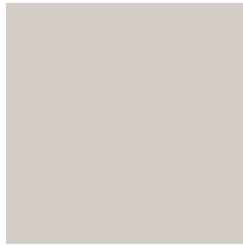
9.4767, 0.1774, 0.1585



0.7371, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 61.7369, 0.3231, 0.3371 looks on a white background.

Color Contrast Check

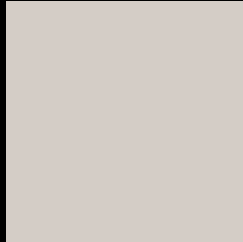
Large Text (above 18pt) WCAG AA × Fail

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 61.7369, 0.3231, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

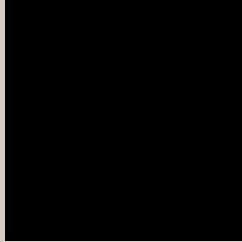
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

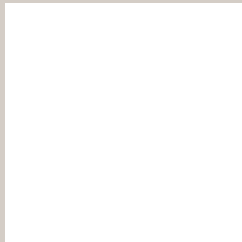
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7369, 0.3231, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 61.7369, 0.3231, 0.3371.

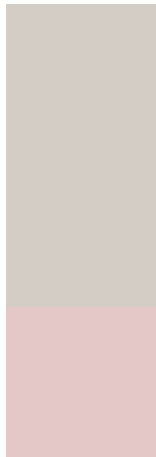


This preview shows how white text looks on a background with the Yxy color 61.7369, 0.3231, 0.3371.

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

61.7369, 0.3231, 0.3371

Protanopia

61.7369, 0.3231, 0.3371

Deuteranopia

61.4643, 0.3358, 0.3291



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.7369, 0.3231, 0.3371

Protanomaly

61.7369, 0.3231, 0.3371

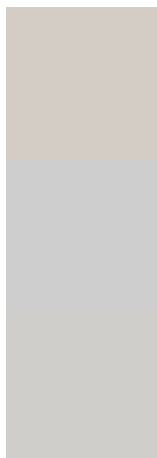
Deuteranomaly

61.4264, 0.3307, 0.3313

Tritanomaly

61.7112, 0.3154, 0.3199

Monochromacy



Original Color

61.7369, 0.3231, 0.3371

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8643, 0.3164, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7369, 0.3231, 0.3371 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, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 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(212, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.7369, 0.3231, 0.3371 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, 205, 198) }
```

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

```
.border{ border-color:rgb(212, 205, 198) }
```

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

Here you see how a box with a 4 pixel rgb(212, 205, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7369, 0.3231, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 198) }
```

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

```
.background{ background-color: rgb(212,  
205, 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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