

Converting Colors

$Yxy(72.1940, 0.3222, 0.3669)$

Have a look what the booklet for
Yxy(72.1940, 0.3222, 0.3669)
contains.

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Color

Yxy(72.3437, 0.3221, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3C1
RGB	209, 227, 193
RGB Percent	82%, 89%, 76%
CMY	0.1804, 0.1098, 0.2432
CMYK	0.08, 0.00, 0.15, 0.11
HSL	92°, 38%, 82%
HSV	92°, 15%, 89%
XYZ	63.3893, 72.3437, 61.0671
YIQ	217.7420, 0.1860, -14.3900

Conversions

Conversions Part 2

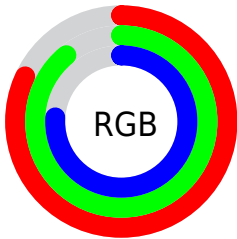
Format	Color
RYB	193, 227, 211
Decimal	13755329
CIELab	88.13, -12.01, 14.61
CIELCh	88, 18.907, 129.419
Yxy	72.3437, 0.3221, 0.3676
Android (android.graphics.Color)	4291945409 (0xFFD1E3C1)
YUV	217.7420, -12.1978, -7.6667
Hunter-Lab	85.0551, -15.8151, 16.9701

Details

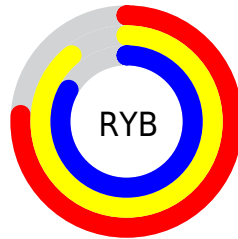
The Yxy color **72.3437, 0.3221, 0.3676** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.5280, 0.3021, 0.2906**, and the grayscale version is **70.0113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **38.2392, 0.3240, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **69.7238, 0.3281, 0.3960**, and if you desaturate by 10%, it is **75.2575, 0.3158, 0.3413**.

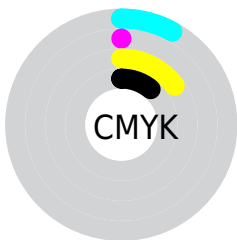
Distribution



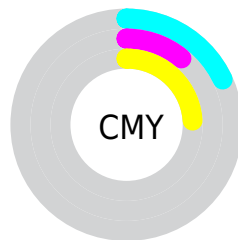
- Red (82%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)




- Cyan (18%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3437, 0.3221, 0.3676 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 72.3437, 0.3221, 0.3676 by changing the saturation by 10% instead.


 72.3437, 0.3221,
0.3676

 72.3437, 0.3221,
0.3676


468.7370, 0.3179,
0.3493

 53.4395, 0.3230,
0.3719


 122.5451, 0.3207,
0.3612

 38.1537, 0.3241,
0.3772


154.6110, 0.3201,
0.3587

 26.1020, 0.3254,
0.3840


191.8330, 0.3197,
0.3566

 16.9000, 0.3270,
0.3931

234.5953, 0.3192,
0.3548

 10.1632, 0.3291,
0.4057

283.2825, 0.3189,
0.3531

 5.5073, 0.3317,
0.4244

338.2790, 0.3185,

 2.5479, 0.3348,

0.3517

0.4548

399.9690, 0.3182,
0.3505

0.9005, 0.3846,
0.6154

0.0000, 0.0000,
0.0000

72.3437, 0.3221,
0.3676

72.3437, 0.3221,
0.3676

69.7238, 0.3281,
0.3960

75.2575, 0.3158,
0.3413

67.3784, 0.3336,
0.4258

78.4651, 0.3096,
0.3172

65.3000, 0.3382,
0.4563

81.5802, 0.3073,
0.3013

63.4772, 0.3413,
0.4862

83.4207, 0.3140,
0.3019

■ 61.8976, 0.3428,
0.5139

■ 60.5476, 0.3421,
0.5379

■ 59.4117, 0.3393,
0.5568

■ 58.4714, 0.3346,
0.5698

■ 58.0603, 0.3318,
0.5747

Harmonies

Analogous

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



72.3437, 0.3430, 0.3684



72.3437, 0.3221, 0.3676



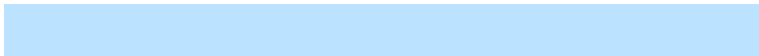
72.3437, 0.2993, 0.3553

Triad

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



72.3437, 0.3221, 0.3676



72.3437, 0.2711, 0.2983



72.3437, 0.3456, 0.3218

Complementary

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



72.3437, 0.3221, 0.3676



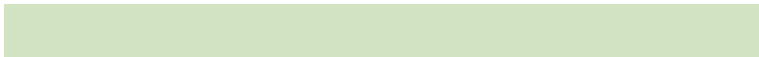
57.5280, 0.3021, 0.2906

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.



72.3437, 0.3253, 0.3047



72.3437, 0.3221, 0.3676



72.3437, 0.2825, 0.2911

Square

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



72.3437, 0.3221, 0.3676



72.3437, 0.2704, 0.3142



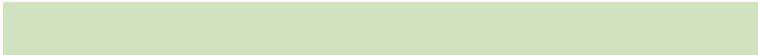
72.3437, 0.3021, 0.2936



72.3437, 0.3570, 0.3412

Rectangle

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



72.3437, 0.3221, 0.3676



72.3437, 0.2860, 0.3424



72.3437, 0.3021, 0.2936



72.3437, 0.3395, 0.3157

Sweetspot

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



72.3468, 0.3221, 0.3676



98.3511, 0.3152, 0.3389



66.5534, 0.3378, 0.3486



20.9863, 0.3157, 0.3408



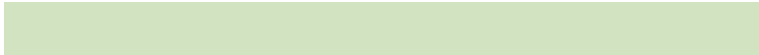
0.0000, 0.0000, 0.0000



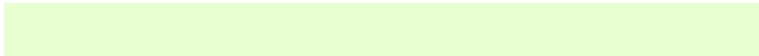
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3468, 0.3221, 0.3676



93.0699, 0.3240, 0.3763



70.1518, 0.3105, 0.3683



16.4202, 0.3187, 0.3528



33.9276, 0.3329, 0.5739



2.5620, 0.3442, 0.5649

Inverse Universe

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



57.5280, 0.3021, 0.2906



70.2585, 0.2995, 0.2820



59.9816, 0.3149, 0.2927



14.2606, 0.3063, 0.3053



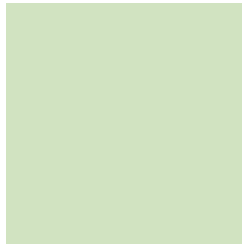
5.6376, 0.2083, 0.0921



0.4718, 0.2238, 0.1006

Previews

White Background



This preview shows how the Yxy color 72.3437, 0.3221, 0.3676 looks on a white background.

Color Contrast Check

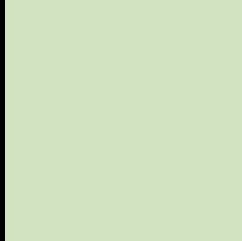
Large Text (above 18pt) WCAG AA × Fail

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 72.3437, 0.3221, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

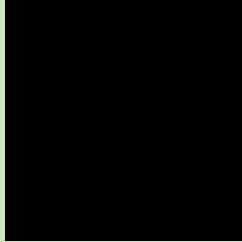
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

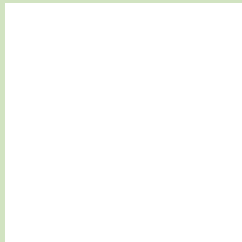
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3437, 0.3221, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 72.3437, 0.3221, 0.3676.

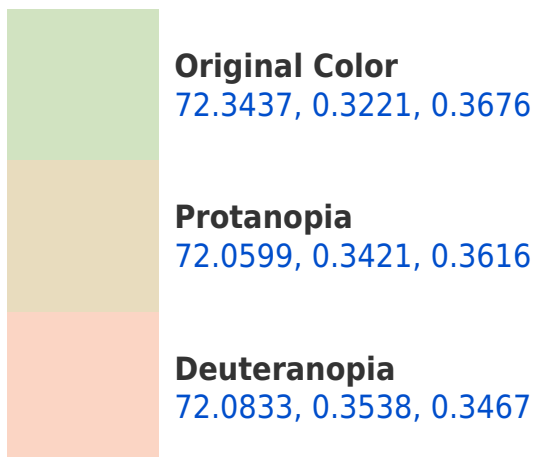


This preview shows how white text looks on a background with the Yxy color 72.3437, 0.3221, 0.3676.

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

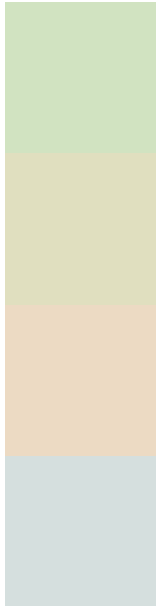




Tritanopia

72.4849, 0.2984, 0.3107

Trichromacy



Original Color

72.3437, 0.3221, 0.3676

Protanomaly

72.3842, 0.3349, 0.3643

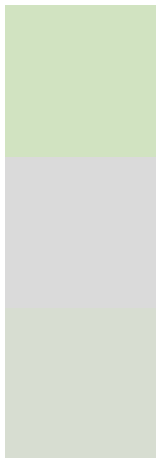
Deuteranomaly

71.9158, 0.3420, 0.3538

Tritanomaly

72.1954, 0.3064, 0.3301

Monochromacy



Original Color

72.3437, 0.3221, 0.3676

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7634, 0.3164, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3437, 0.3221, 0.3676 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(209, 227, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 193)  
}
```

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(209, 227, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 193) }
```

Border

The CSS property to change the border of an element to Yxy 72.3437, 0.3221, 0.3676 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(209, 227, 193) }
```

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

```
.border{ border-color:rgb(209, 227, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 227, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 227, 193); box-shadow:4px 4px 4px 4px rgb(209, 227, 193) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3437, 0.3221, 0.3676$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 193) }
```

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

```
.background{ background-color: rgb(209,  
227, 193) }
```

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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