

Converting Colors

$Yxy(72.6567, 0.3190, 0.3455)$

Have a look what the booklet for
Yxy(72.6567, 0.3190, 0.3455)
contains.

Yxy(72.9748, 0.3190, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9748, 0.3190, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0D1
RGB	219, 224, 209
RGB Percent	86%, 88%, 82%
CMY	0.1412, 0.1215, 0.1803
CMYK	0.02, 0.00, 0.07, 0.12
HSL	80°, 19%, 85%
HSV	80°, 7%, 88%
XYZ	67.3776, 72.9748, 70.8626
YIQ	220.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

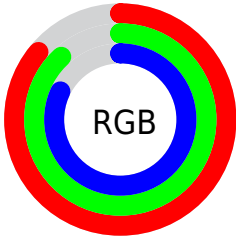
Format	Color
RYB	209, 224, 214
Decimal	14409937
CIELab	88.44, -4.33, 6.74
CIELCh	88, 8.013, 122.718
Yxy	72.9748, 0.3190, 0.3455
Android (android.graphics.Color)	4292600017 (0xFFDBE0D1)
YUV	220.7950, -5.8149, -1.5742
Hunter-Lab	85.4253, -8.7057, 10.6150

Details

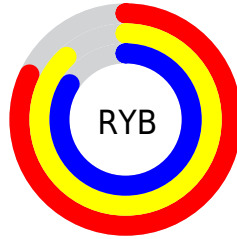
The Yxy color **72.9748, 0.3190, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2883, 0.3061, 0.3123**, and the grayscale version is **72.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6350, 0.3201, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **70.8103, 0.3285, 0.3716**, and if you desaturate by 10%, it is **75.3538, 0.3097, 0.3212**.

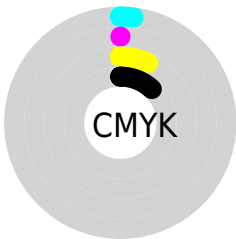
Distribution



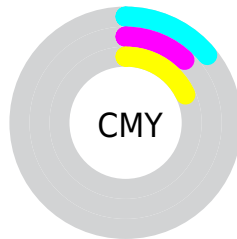
- Red (86%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9748, 0.3190, 0.3455 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 72.9748, 0.3190, 0.3455 by changing the saturation by 10% instead.

■ 72.9748, 0.3190,
0.3455

■ 72.9748, 0.3190,
0.3455

470.9275, 0.3161,
0.3378

■ 53.9554, 0.3197,
0.3473

123.4414, 0.3180,
0.3428

■ 38.5660, 0.3205,
0.3495

155.6574, 0.3176,
0.3418

■ 26.4222, 0.3215,
0.3523

193.0410, 0.3173,
0.3409

■ 17.1398, 0.3228,
0.3560

235.9767, 0.3170,
0.3401

■ 10.3342, 0.3245,
0.3611

284.8488, 0.3167,
0.3394

■ 5.6211, 0.3271,
0.3685

340.0416, 0.3165,

■ 2.6161, 0.3309,

0.3388

0.3805

401.9398, 0.3163,
0.3383

0.9348, 0.3456,
0.4132

0.0000, 0.0000,
0.0000

72.9748, 0.3190,
0.3455

72.9748, 0.3190,
0.3455

70.8103, 0.3285,
0.3716

75.3538, 0.3097,
0.3212

68.8437, 0.3378,
0.3989

77.9446, 0.3006,
0.2988

67.0706, 0.3465,
0.4269

79.3142, 0.3049,
0.2981

65.4827, 0.3542,
0.4547

80.6618, 0.3100,
0.2986

■ 64.0712, 0.3603,
0.4809

■ 81.7944, 0.3141,
0.2989

■ 62.8263, 0.3645,
0.5045

■ 61.7370, 0.3662,
0.5241

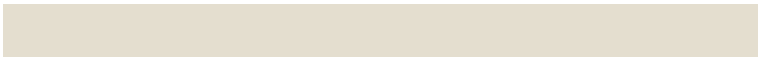
■ 60.7907, 0.3654,
0.5390

■ 59.9713, 0.3623,
0.5489

Harmonies

Analogous

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



72.9748, 0.3271, 0.3451



72.9748, 0.3190, 0.3455



72.9748, 0.3093, 0.3413

Triad

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



72.9748, 0.3190, 0.3455



72.9748, 0.2944, 0.3174



72.9748, 0.3249, 0.3243

Complementary

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



72.9748, 0.3190, 0.3455



65.2883, 0.3061, 0.3123

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.



72.9748, 0.3160, 0.3171



72.9748, 0.3190, 0.3455



72.9748, 0.2984, 0.3131

Square

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



72.9748, 0.3190, 0.3455



72.9748, 0.2952, 0.3249



72.9748, 0.3063, 0.3131



72.9748, 0.3306, 0.3327

Rectangle

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



72.9748, 0.3190, 0.3455



72.9748, 0.3032, 0.3365



72.9748, 0.3063, 0.3131



72.9748, 0.3222, 0.3216

Sweetspot

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



72.9780, 0.3190, 0.3455



99.3541, 0.3146, 0.3339



68.5504, 0.3236, 0.3345



21.2727, 0.3145, 0.3336



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.



72.9780, 0.3190, 0.3455



97.4852, 0.3203, 0.3490



71.8429, 0.3137, 0.3458



15.7882, 0.3216, 0.3525



34.8244, 0.3618, 0.5509



2.4622, 0.3709, 0.5437

Inverse Universe

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



65.2883, 0.3061, 0.3123



85.1819, 0.3047, 0.3088



66.4408, 0.3116, 0.3126



13.4646, 0.3032, 0.3051



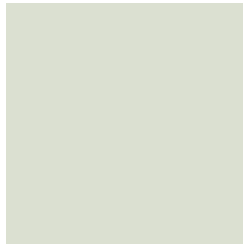
4.0559, 0.1749, 0.0737



0.3290, 0.1920, 0.0831

Previews

White Background



This preview shows how the Yxy color 72.9748, 0.3190, 0.3455 looks on a white background.

Color Contrast Check

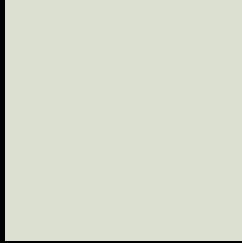
Large Text (above 18pt) WCAG AA × Fail

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 72.9748, 0.3190, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

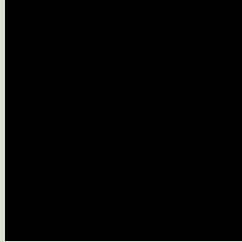
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

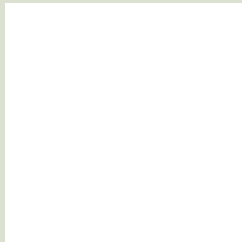
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9748, 0.3190, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 72.9748, 0.3190, 0.3455.



This preview shows how white text looks on a background with the Yxy color 72.9748, 0.3190, 0.3455.

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

72.9748, 0.3190, 0.3455

Protanopia

72.8759, 0.3279, 0.3442

Deuteranopia

72.5704, 0.3395, 0.3322



Tritanopia

72.9888, 0.3038, 0.3109

Trichromacy



Original Color

72.9748, 0.3190, 0.3455

Protanomaly

72.8042, 0.3242, 0.3443

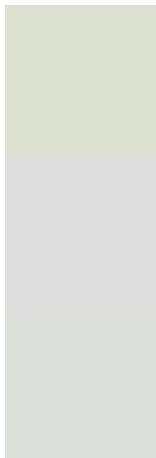
Deuteranomaly

72.8005, 0.3321, 0.3375

Tritanomaly

72.7885, 0.3095, 0.3225

Monochromacy



Original Color

72.9748, 0.3190, 0.3455

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4680, 0.3146, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9748, 0.3190, 0.3455 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(219, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 209)  
}
```

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(219, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.9748, 0.3190, 0.3455 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(219, 224, 209) }
```

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

```
.border{ border-color:rgb(219, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9748, 0.3190, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 209) }
```

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

```
.background{ background-color: rgb(219,  
224, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor