

Converting Colors

$Yxy(72.2613, 0.3140, 0.3324)$

Have a look what the booklet for
Yxy(72.2613, 0.3140, 0.3324)
contains.

Yxy(71.9905, 0.3140, 0.3323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(71.9905, 0.3140, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDDA
RGB	220, 221, 218
RGB Percent	86%, 87%, 85%
CMY	0.1372, 0.1333, 0.1452
CMYK	0.00, 0.00, 0.01, 0.13
HSL	80°, 4%, 86%
HSV	80°, 1%, 87%
XYZ	68.0259, 71.9905, 76.6267
YIQ	220.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

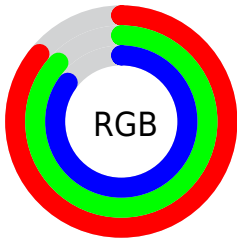
Format	Color
R_{YB}	218, 221, 219
Decimal	14474714
CIE _{Lab}	87.96, -0.87, 1.35
CIE _{LCh}	88, 1.608, 122.859
Yxy	71.9905, 0.3140, 0.3323
Android (android.graphics.Color)	4292664794 (0xFFDCDDDA)
YUV	220.3590, -1.1630, -0.3148
Hunter-Lab	84.8472, -5.3709, 5.8475

Details

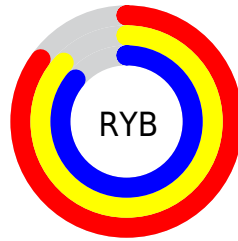
The Yxy color **71.9905, 0.3140, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4113, 0.3114, 0.3257**, and the grayscale version is **71.8438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9161, 0.3144, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **69.7993, 0.3235, 0.3575**, and if you desaturate by 10%, it is **74.3919, 0.3048, 0.3090**.

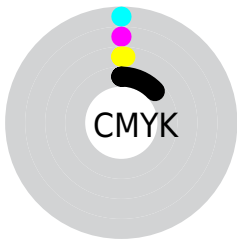
Distribution



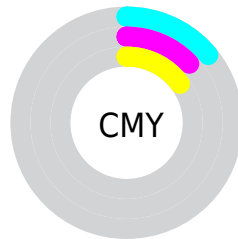
- Red (86%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9905, 0.3140, 0.3323 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 71.9905, 0.3140, 0.3323 by changing the saturation by 10% instead.

■ 71.9905, 0.3140,
0.3323

■ 71.9905, 0.3140,
0.3323

467.5085, 0.3134,
0.3308

■ 53.1509, 0.3141,
0.3327

122.0430, 0.3138,
0.3318

■ 37.9233, 0.3143,
0.3331

154.0248, 0.3137,
0.3316

■ 25.9231, 0.3145,
0.3336

191.1560, 0.3136,
0.3314

■ 16.7661, 0.3148,
0.3344

233.8211, 0.3136,
0.3312

■ 10.0679, 0.3152,
0.3354

282.4045, 0.3135,
0.3311

■ 5.4440, 0.3157,
0.3368

337.2907, 0.3135,

■ 2.5101, 0.3166,

0.3310

0.3391

398.8639, 0.3134,
0.3309

0.8817, 0.3185,
0.3439

0.0000, 0.0000,
0.0000

71.9905, 0.3140,
0.3323

71.9905, 0.3140,
0.3323

69.7993, 0.3235,
0.3575

74.3919, 0.3048,
0.3090

67.8022, 0.3330,
0.3842

76.5290, 0.3003,
0.2945

65.9952, 0.3421,
0.4119

77.7933, 0.3053,
0.2950

64.3709, 0.3505,
0.4398

79.1090, 0.3103,
0.2956

■ 62.9209, 0.3576,
0.4669

■ 80.1957, 0.3143,
0.2960

■ 61.6364, 0.3630,
0.4920

■ 60.5074, 0.3661,
0.5138

■ 59.5227, 0.3667,
0.5312

■ 58.6688, 0.3649,
0.5437

Harmonies

Analogous

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



71.9905, 0.3156, 0.3322



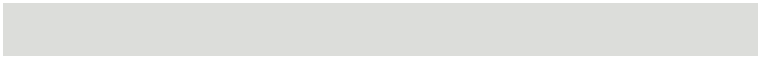
71.9905, 0.3140, 0.3323



71.9905, 0.3120, 0.3315

Triad

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



71.9905, 0.3140, 0.3323



71.9905, 0.3090, 0.3267



71.9905, 0.3152, 0.3281

Complementary

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



71.9905, 0.3140, 0.3323



70.4113, 0.3114, 0.3257

Split Complementary

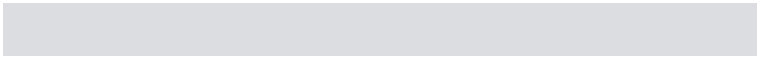
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9905, 0.3134, 0.3266



71.9905, 0.3140, 0.3323



71.9905, 0.3098, 0.3258

Square

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



71.9905, 0.3140, 0.3323



71.9905, 0.3092, 0.3282



71.9905, 0.3114, 0.3258



71.9905, 0.3163, 0.3298

Rectangle

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



71.9905, 0.3140, 0.3323



71.9905, 0.3108, 0.3305



71.9905, 0.3114, 0.3258



71.9905, 0.3146, 0.3275

Sweetspot

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



71.9936, 0.3140, 0.3323

100.0000, 0.3127, 0.3290



71.0656, 0.3148, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



71.9936, 0.3140, 0.3323



99.3580, 0.3146, 0.3339



71.7650, 0.3130, 0.3323



15.3942, 0.3145, 0.3336



33.7657, 0.3626, 0.5503



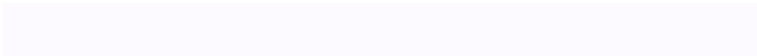
2.2337, 0.3720, 0.5428

Inverse Universe

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



70.4113, 0.3114, 0.3257



96.1468, 0.3108, 0.3241



70.6405, 0.3125, 0.3257



14.9286, 0.3109, 0.3244



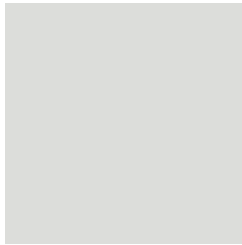
3.9092, 0.1745, 0.0735



0.2993, 0.1926, 0.0835

Previews

White Background



This preview shows how the Yxy color 71.9905, 0.3140, 0.3323 looks on a white background.

Color Contrast Check

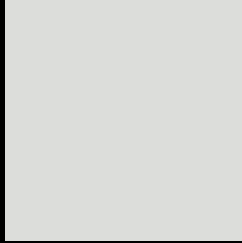
Large Text (above 18pt) WCAG AA × Fail

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 71.9905, 0.3140, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

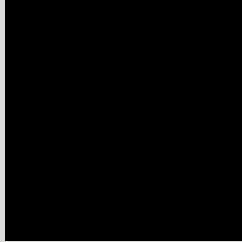
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

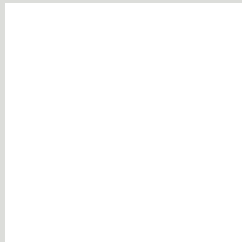
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9905, 0.3140, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 71.9905, 0.3140, 0.3323.

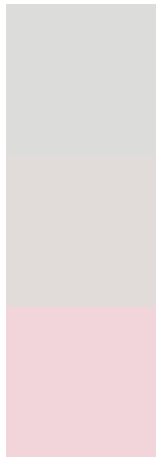


This preview shows how white text looks on a background with the Yxy color 71.9905, 0.3140, 0.3323.

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

71.9905, 0.3140, 0.3323

Protanopia

71.6803, 0.3184, 0.3312

Deuteranopia

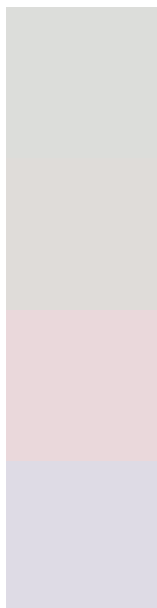
71.5802, 0.3301, 0.3228



Tritanopia

71.8869, 0.3044, 0.3098

Trichromacy



Original Color

71.9905, 0.3140, 0.3323

Protanomaly

71.8841, 0.3169, 0.3323

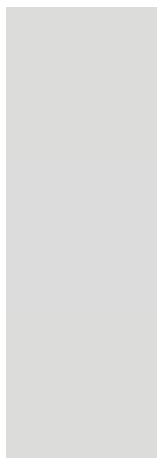
Deuteranomaly

71.7186, 0.3238, 0.3259

Tritanomaly

71.8498, 0.3083, 0.3182

Monochromacy



Original Color

71.9905, 0.3140, 0.3323

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5165, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9905, 0.3140, 0.3323 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(220, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 218)  
}
```

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(220, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.9905, 0.3140, 0.3323 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(220, 221, 218) }
```

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

```
.border{ border-color:rgb(220, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
218) }
```

Background

The CSS property to change the background color of an element to Yxy 71.9905, 0.3140, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 218) }
```

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

```
.background{ background-color: rgb(220,  
221, 218) }
```

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