

Converting Colors

$Yxy(71.4643, 0.3240, 0.3372)$

Have a look what the booklet for
Yxy(71.4643, 0.3240, 0.3372)
contains.

Yxy(71.6971, 0.3239, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.6971, 0.3239, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	E3DBD3
RGB	227, 219, 211
RGB Percent	89%, 86%, 83%
CMY	0.1098, 0.1412, 0.1725
CMYK	0.00, 0.04, 0.07, 0.11
HSL	30°, 22%, 86%
HSV	30°, 7%, 89%
XYZ	68.7672, 71.6971, 71.8457
YIQ	220.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

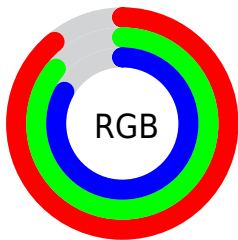
Format	Color
R _Y B	227, 227, 211
Decimal	14932947
CIE Lab	87.82, 1.36, 4.89
CIE LCh	88, 5.071, 74.492
Yxy	71.6971, 0.3239, 0.3377
Android (android.graphics.Color)	4293123027 (0xFFE3DBD3)
YUV	220.4800, -4.6736, 5.7180
Hunter-Lab	84.6741, -3.2128, 8.9645

Details

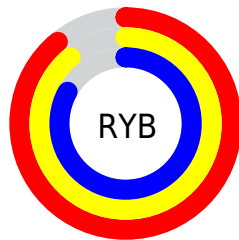
The Yxy color **71.6971, 0.3239, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0565, 0.3019, 0.3201**, and the grayscale version is **71.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7559, 0.3265, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **64.9227, 0.3417, 0.3507**, and if you desaturate by 10%, it is **79.0418, 0.3083, 0.3255**.

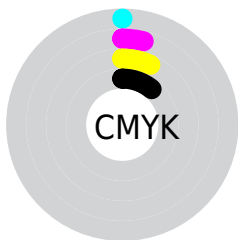
Distribution



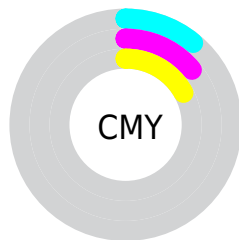
- Red (89%)
- Green (86%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6971, 0.3239, 0.3377 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 71.6971, 0.3239, 0.3377 by changing the saturation by 10% instead.

■ 71.6971, 0.3239,
0.3377

■ 71.6971, 0.3239,
0.3377

466.4866, 0.3187,
0.3337

■ 52.9113, 0.3251,
0.3386

121.6258, 0.3221,
0.3363

■ 37.7319, 0.3266,
0.3398

153.5374, 0.3214,
0.3358

■ 25.7747, 0.3285,
0.3412

190.5932, 0.3208,
0.3353

■ 16.6552, 0.3309,
0.3431

233.1774, 0.3203,
0.3349

■ 9.9889, 0.3343,
0.3457

281.6744, 0.3198,
0.3345

■ 5.3916, 0.3393,
0.3494

336.4687, 0.3194,

■ 2.4788, 0.3472,

0.3342

0.3553

397.9446, 0.3190,
0.3339

0.8660, 0.3685,
0.3727

0.0000, 0.0000,
0.0000

71.6971, 0.3239,
0.3377

71.6971, 0.3239,
0.3377

64.9227, 0.3417,
0.3507

79.0418, 0.3083,
0.3255

58.6946, 0.3620,
0.3642

86.8705, 0.2956,
0.3155

53.0005, 0.3847,
0.3777

93.8214, 0.2958,
0.3270

47.8240, 0.4097,
0.3907

95.0702, 0.2958,
0.3290

■ 43.1481, 0.4366,
0.4022

■ 38.9543, 0.4643,
0.4110

■ 35.2223, 0.4913,
0.4158

■ 31.9300, 0.5160,
0.4155

■ 29.0509, 0.5368,
0.4097

Harmonies

Analogous

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



71.6971, 0.3247, 0.3334



71.6971, 0.3239, 0.3377



71.6971, 0.3201, 0.3397

Triad

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



71.6971, 0.3239, 0.3377



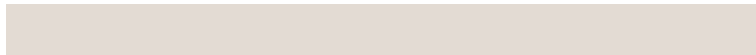
71.6971, 0.3033, 0.3299



71.6971, 0.3110, 0.3195

Complementary

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



71.6971, 0.3239, 0.3377



70.0565, 0.3019, 0.3201

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.



71.6971, 0.3053, 0.3185



71.6971, 0.3239, 0.3377



71.6971, 0.3009, 0.3244

Square

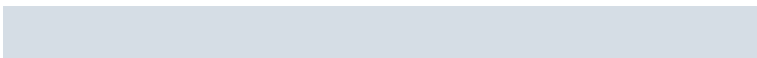
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6971, 0.3239, 0.3377



71.6971, 0.3082, 0.3351



71.6971, 0.3017, 0.3203



71.6971, 0.3172, 0.3230

Rectangle

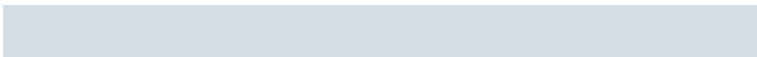
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6971, 0.3239, 0.3377



71.6971, 0.3164, 0.3394



71.6971, 0.3017, 0.3203



71.6971, 0.3090, 0.3189

Sweetspot

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



71.7002, 0.3239, 0.3377



98.0607, 0.3158, 0.3314



68.0365, 0.3191, 0.3204



21.0094, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



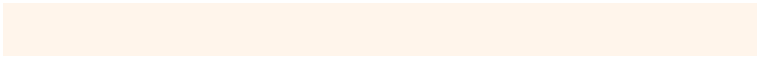
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7002, 0.3239, 0.3377



92.4232, 0.3256, 0.3390



75.9696, 0.3231, 0.3462



15.5535, 0.3280, 0.3408



16.7209, 0.5402, 0.4092



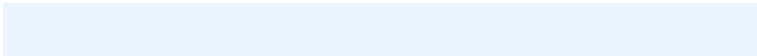
1.4214, 0.5179, 0.4270

Inverse Universe

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



70.0565, 0.3019, 0.3201



89.9938, 0.3003, 0.3188



65.9874, 0.3019, 0.3112



15.0710, 0.2981, 0.3169



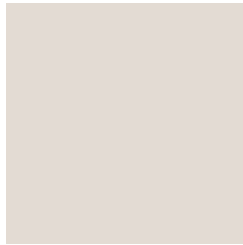
10.4107, 0.1773, 0.1581



0.9551, 0.1846, 0.1845

Previews

White Background



This preview shows how the Yxy color 71.6971, 0.3239, 0.3377 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 71.6971, 0.3239, 0.3377 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

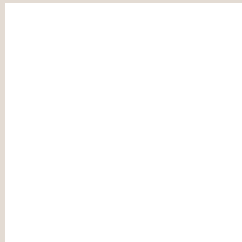
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6971, 0.3239, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 71.6971, 0.3239, 0.3377.

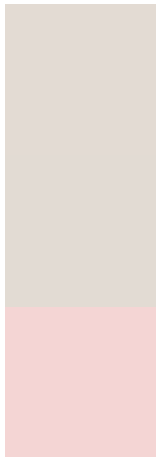


This preview shows how white text looks on a background with the Yxy color 71.6971, 0.3239, 0.3377.

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

71.6971, 0.3239, 0.3377

Protanopia

71.5349, 0.3232, 0.3377

Deuteranopia

71.5751, 0.3366, 0.3301



Tritanopia

71.8179, 0.3114, 0.3111

Trichromacy



Original Color

71.6971, 0.3239, 0.3377

Protanomaly

71.5349, 0.3232, 0.3377

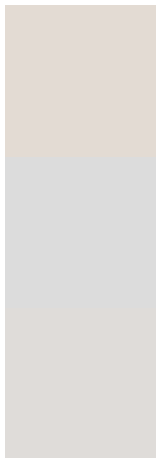
Deuteranomaly

71.5315, 0.3318, 0.3322

Tritanomaly

71.7200, 0.3160, 0.3205

Monochromacy



Original Color

71.6971, 0.3239, 0.3377

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8841, 0.3169, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6971, 0.3239, 0.3377 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(227, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 211)  
}
```

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(227, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 211) }
```

Border

The CSS property to change the border of an element to Yxy 71.6971, 0.3239, 0.3377 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(227, 219, 211) }
```

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

```
.border{ border-color:rgb(227, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6971, 0.3239, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 211) }
```

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

```
.background{ background-color: rgb(227,  
219, 211) }
```

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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