

Converting Colors

$Yxy(71.4541, 0.3215, 0.3335)$

Have a look what the booklet for
Yxy(71.4541, 0.3215, 0.3335)
contains.

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Color

Yxy(71.3287, 0.3219, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	E3DAD6
RGB	227, 218, 214
RGB Percent	89%, 85%, 84%
CMY	0.1101, 0.1450, 0.1608
CMYK	0.00, 0.04, 0.06, 0.11
HSL	19°, 19%, 86%
HSV	19°, 6%, 89%
XYZ	68.8684, 71.3287, 73.7463
YIQ	220.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

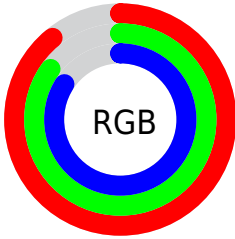
Format	Color
R _Y B	227, 220, 214
Decimal	14932694
CIE Lab	87.64, 2.34, 3.06
CIE LCh	88, 3.852, 52.529
Yxy	71.3287, 0.3219, 0.3334
Android (android.graphics.Color)	4293122774 (0xFFE3DAD6)
YUV	220.2350, -3.0739, 5.9329
Hunter-Lab	84.4563, -2.2440, 7.3481

Details

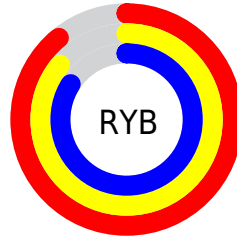
The Yxy color **71.3287, 0.3219, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5483, 0.3039, 0.3246**, and the grayscale version is **71.7561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4682, 0.3249, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **62.5366, 0.3403, 0.3416**, and if you desaturate by 10%, it is **81.0501, 0.3064, 0.3258**.

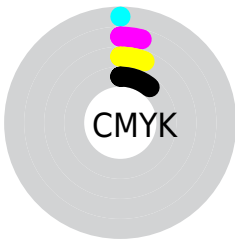
Distribution



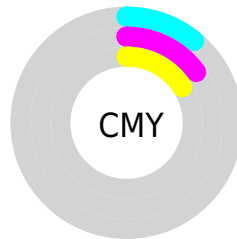
- Red (89%)
- Green (85%)
- Blue (84%)



- Red (89%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3287, 0.3219, 0.3334 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 71.3287, 0.3219, 0.3334 by changing the saturation by 10% instead.

■ 71.3287, 0.3219,
0.3334

■ 71.3287, 0.3219,
0.3334

465.2017, 0.3176,
0.3314

■ 52.6105, 0.3229,
0.3339

121.1016, 0.3204,
0.3327

■ 37.4919, 0.3241,
0.3344

152.9251, 0.3198,
0.3324

■ 25.5886, 0.3257,
0.3352

189.8859, 0.3193,
0.3322

■ 16.5161, 0.3277,
0.3361

232.3682, 0.3189,
0.3320

■ 9.8901, 0.3305,
0.3374

280.7566, 0.3185,
0.3318

■ 5.3262, 0.3346,
0.3392

335.4353, 0.3182,

■ 2.4399, 0.3412,

0.3316

0.3421

396.7889, 0.3179,
0.3315

0.8463, 0.3567,
0.3503

0.0000, 0.0000,
0.0000

71.3287, 0.3219,
0.3334

71.3287, 0.3219,
0.3334

62.5366, 0.3403,
0.3416

81.0501, 0.3064,
0.3258

54.6370, 0.3621,
0.3501

91.4331, 0.2957,
0.3232

47.6040, 0.3877,
0.3588

95.0588, 0.2958,
0.3290

41.4070, 0.4173,
0.3671

■ 36.0137, 0.4506,
0.3742

■ 31.3895, 0.4866,
0.3792

■ 27.4967, 0.5232,
0.3806

■ 24.2944, 0.5572,
0.3775

■ 21.7362, 0.5851,
0.3696

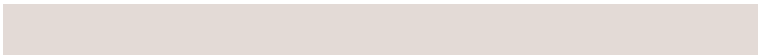
Harmonies

Analogous

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



71.3287, 0.3207, 0.3294



71.3287, 0.3219, 0.3334



71.3287, 0.3207, 0.3362

Triad

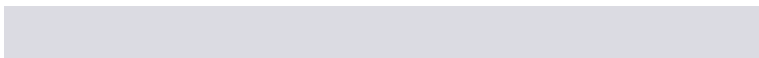
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3287, 0.3219, 0.3334



71.3287, 0.3082, 0.3327



71.3287, 0.3082, 0.3210

Complementary

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



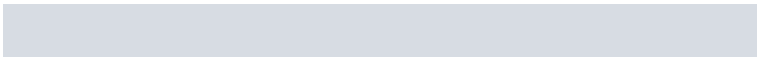
71.3287, 0.3219, 0.3334



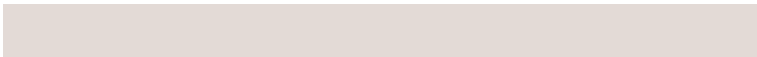
72.5483, 0.3039, 0.3246

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.



71.3287, 0.3048, 0.3218



71.3287, 0.3219, 0.3334



71.3287, 0.3048, 0.3285

Square

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



71.3287, 0.3219, 0.3334



71.3287, 0.3127, 0.3358



71.3287, 0.3036, 0.3245



71.3287, 0.3127, 0.3223

Rectangle

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



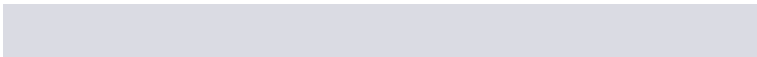
71.3287, 0.3219, 0.3334



71.3287, 0.3186, 0.3371



71.3287, 0.3036, 0.3245



71.3287, 0.3069, 0.3210

Sweetspot

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



71.3318, 0.3219, 0.3334



97.4592, 0.3159, 0.3305



69.7352, 0.3160, 0.3193



20.8870, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



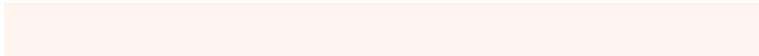
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3318, 0.3219, 0.3334



91.3222, 0.3242, 0.3345



74.6663, 0.3213, 0.3402



14.7558, 0.3251, 0.3349



11.9558, 0.5924, 0.3678



0.9851, 0.5621, 0.3919

Inverse Universe

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



72.5483, 0.3039, 0.3246



93.2624, 0.3019, 0.3235



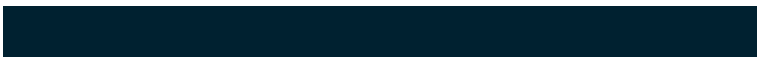
69.2426, 0.3040, 0.3176



15.0928, 0.3011, 0.3231



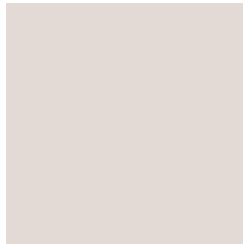
16.7974, 0.1956, 0.2240



1.3220, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 71.3287, 0.3219, 0.3334 looks on a white background.

Color Contrast Check

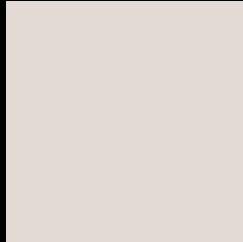
Large Text (above 18pt) WCAG AA × Fail

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 71.3287, 0.3219, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

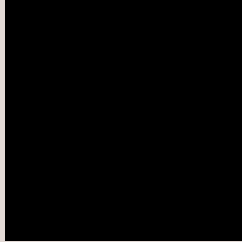
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

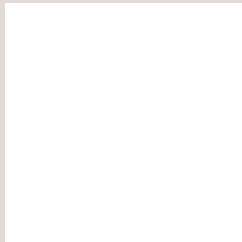
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3287, 0.3219, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 71.3287, 0.3219, 0.3334.

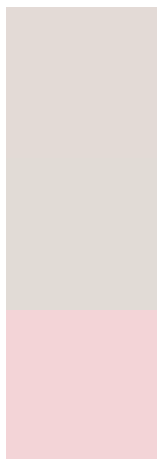


This preview shows how white text looks on a background with the Yxy color 71.3287, 0.3219, 0.3334.

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

71.3287, 0.3219, 0.3334

Protanopia

71.5256, 0.3204, 0.3345

Deuteranopia

71.0480, 0.3338, 0.3259



Tritanopia

71.2501, 0.3121, 0.3110

Trichromacy



Original Color

71.3287, 0.3219, 0.3334

Protanomaly

71.6868, 0.3211, 0.3344

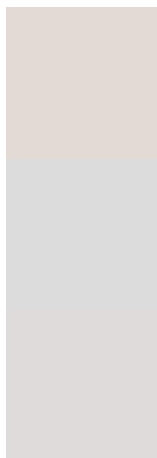
Deuteranomaly

71.0040, 0.3291, 0.3280

Tritanomaly

71.2060, 0.3161, 0.3194

Monochromacy



Original Color

71.3287, 0.3219, 0.3334

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4130, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3287, 0.3219, 0.3334 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, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.3287, 0.3219, 0.3334 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, 218, 214) }
```

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

```
.border{ border-color:rgb(227, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3287, 0.3219, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 214) }
```

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

```
.background{ background-color: rgb(227,  
218, 214) }
```

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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