

Converting Colors

$Yxy(71.7848, 0.3194, 0.3374)$

Have a look what the booklet for
Yxy(71.7848, 0.3194, 0.3374)
contains.

Yxy(71.6785, 0.3195, 0.3367)	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(71.6785, 0.3195, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCD5
RGB	223, 220, 213
RGB Percent	87%, 86%, 84%
CMY	0.1258, 0.1371, 0.1648
CMYK	0.00, 0.01, 0.04, 0.13
HSL	42°, 13%, 85%
HSV	42°, 4%, 87%
XYZ	68.0169, 71.6785, 73.1900
YIQ	220.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

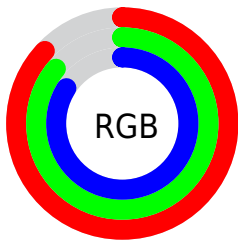
Format	Color
R _Y B	217, 223, 213
Decimal	14671061
CIE Lab	87.81, -0.24, 3.79
CIE LCh	88, 3.800, 93.682
Yxy	71.6785, 0.3195, 0.3367
Android (android.graphics.Color)	4292861141 (0xFFDFDCD5)
YUV	220.0990, -3.4998, 2.5442
Hunter-Lab	84.6632, -4.7568, 8.0089

Details

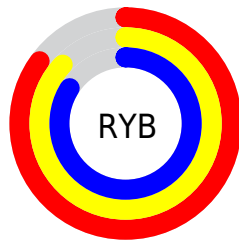
The Yxy color **71.6785, 0.3195, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5211, 0.3060, 0.3212**, and the grayscale version is **71.6605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7037, 0.3217, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **67.2780, 0.3358, 0.3546**, and if you desaturate by 10%, it is **76.3737, 0.3047, 0.3197**.

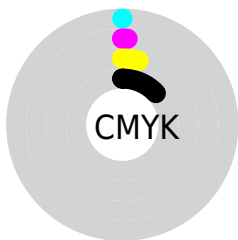
Distribution



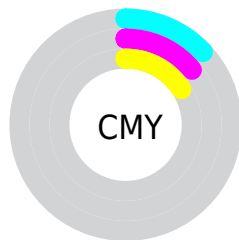
- Red (87%)
- Green (86%)
- Blue (84%)



- Red (85%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6785, 0.3195, 0.3367 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 71.6785, 0.3195, 0.3367 by changing the saturation by 10% instead.

■ 71.6785, 0.3195,
0.3367

■ 71.6785, 0.3195,
0.3367

466.4218, 0.3164,
0.3331

■ 52.8961, 0.3202,
0.3375

121.5993, 0.3184,
0.3355

■ 37.7198, 0.3211,
0.3385

153.5065, 0.3180,
0.3350

■ 25.7653, 0.3223,
0.3398

190.5575, 0.3176,
0.3346

■ 16.6481, 0.3237,
0.3415

233.1365, 0.3173,
0.3342

■ 9.9840, 0.3258,
0.3439

281.6281, 0.3170,
0.3339

■ 5.3883, 0.3288,
0.3473

336.4166, 0.3168,

■ 2.4769, 0.3335,

0.3336

0.3527

397.8863, 0.3166,
0.3334

0.8650, 0.3461,
0.3668

0.0000, 0.0000,
0.0000

71.6785, 0.3195,
0.3367

71.6785, 0.3195,
0.3367

67.2780, 0.3358,
0.3546

76.3737, 0.3047,
0.3197

63.1549, 0.3535,
0.3731

81.1950, 0.2929,
0.3064

59.3043, 0.3724,
0.3917

84.9462, 0.2930,
0.3132

55.7173, 0.3921,
0.4097

88.8345, 0.2932,
0.3199

■ 52.3844, 0.4121,
0.4261

■ 92.8615, 0.2934,
0.3265

■ 49.2953, 0.4315,
0.4399

■ 94.4169, 0.2934,
0.3289

■ 46.4386, 0.4494,
0.4500

■ 43.8013, 0.4649,
0.4554

■ 41.3678, 0.4773,
0.4559

Harmonies

Analogous

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



71.6785, 0.3216, 0.3345



71.6785, 0.3195, 0.3367



71.6785, 0.3156, 0.3368

Triad

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



71.6785, 0.3195, 0.3367



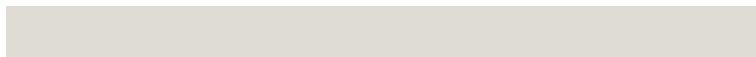
71.6785, 0.3043, 0.3270



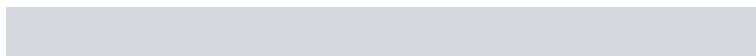
71.6785, 0.3144, 0.3234

Complementary

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



71.6785, 0.3195, 0.3367



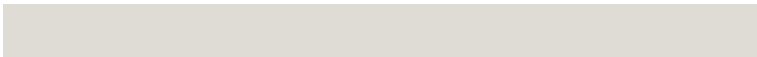
68.5211, 0.3060, 0.3212

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.



71.6785, 0.3098, 0.3214



71.6785, 0.3195, 0.3367



71.6785, 0.3039, 0.3234

Square

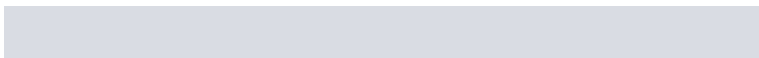
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6785, 0.3195, 0.3367



71.6785, 0.3068, 0.3311



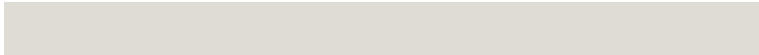
71.6785, 0.3060, 0.3214



71.6785, 0.3187, 0.3269

Rectangle

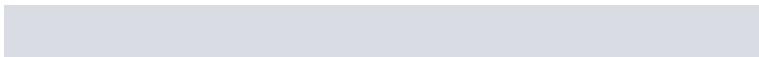
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6785, 0.3195, 0.3367



71.6785, 0.3125, 0.3356



71.6785, 0.3060, 0.3214



71.6785, 0.3129, 0.3225

Sweetspot

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



71.6816, 0.3195, 0.3367



99.3631, 0.3142, 0.3307



68.2139, 0.3180, 0.3257



21.2745, 0.3141, 0.3306



0.0000, 0.0000, 0.0000



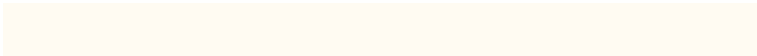
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6816, 0.3195, 0.3367



96.8555, 0.3204, 0.3377



72.9042, 0.3178, 0.3399



15.6903, 0.3214, 0.3388



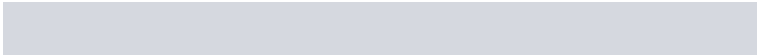
23.7954, 0.4820, 0.4555



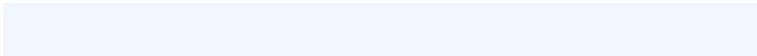
1.8016, 0.4701, 0.4650

Inverse Universe

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



68.5211, 0.3060, 0.3212



92.0345, 0.3051, 0.3201



67.3478, 0.3075, 0.3180



14.8117, 0.3041, 0.3190



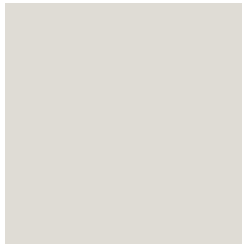
5.5292, 0.1607, 0.0984



0.5348, 0.1692, 0.1289

Previews

White Background



This preview shows how the Yxy color 71.6785, 0.3195, 0.3367 looks on a white background.

Color Contrast Check

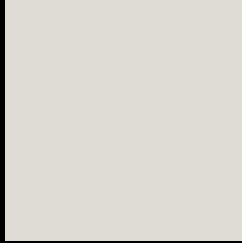
Large Text (above 18pt) WCAG AA × Fail

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 71.6785, 0.3195, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

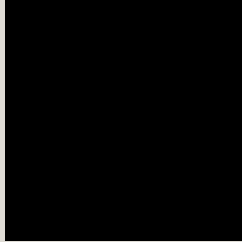
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

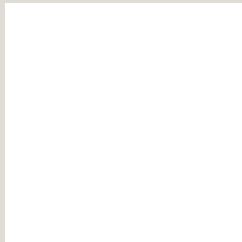
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6785, 0.3195, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 71.6785, 0.3195, 0.3367.

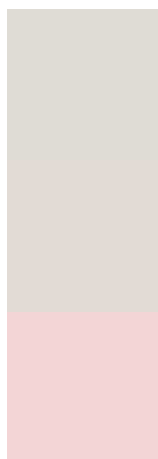


This preview shows how white text looks on a background with the Yxy color 71.6785, 0.3195, 0.3367.

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

71.6785, 0.3195, 0.3367

Protanopia

71.6359, 0.3218, 0.3355

Deuteranopia

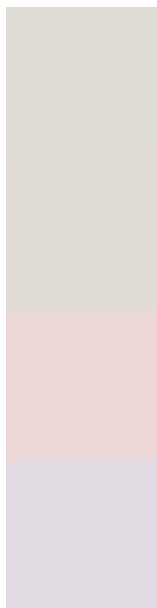
71.4982, 0.3344, 0.3280



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.6785, 0.3195, 0.3367

Protanomaly

71.4747, 0.3211, 0.3355

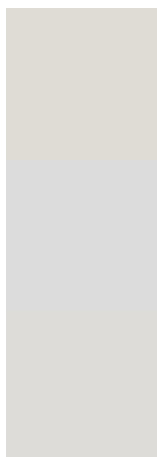
Deuteranomaly

71.7996, 0.3288, 0.3312

Tritanomaly

71.6413, 0.3124, 0.3204

Monochromacy



Original Color

71.6785, 0.3195, 0.3367

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5683, 0.3154, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6785, 0.3195, 0.3367 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(223, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 213)  
}
```

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(223, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.6785, 0.3195, 0.3367 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(223, 220, 213) }
```

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

```
.border{ border-color:rgb(223, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 220, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 220, 213); box-shadow:4px 4px 4px 4px rgb(223, 220, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6785, 0.3195, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 213) }
```

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

```
.background{ background-color: rgb(223,  
220, 213) }
```

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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