

Converting Colors

$Yxy(71.6210, 0.3240, 0.3466)$

Have a look what the booklet for
Yxy(71.6210, 0.3240, 0.3466)
contains.

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Color

Yxy(71.6503, 0.3241, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDCD
RGB	222, 221, 205
RGB Percent	87%, 87%, 80%
CMY	0.1295, 0.1333, 0.1960
CMYK	0.00, 0.00, 0.08, 0.13
HSL	57°, 20%, 84%
HSV	57°, 8%, 87%
XYZ	66.9990, 71.6503, 68.0740
YIQ	219.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

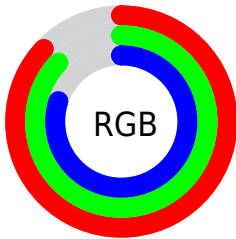
Format	Color
R _Y B	206, 222, 205
Decimal	14605773
CIE Lab	87.80, -2.43, 7.95
CIE LCh	88, 8.312, 106.980
Yxy	71.6503, 0.3241, 0.3466
Android (android.graphics.Color)	4292795853 (0xFFDEDDCD)
YUV	219.4750, -7.1362, 2.2144
Hunter-Lab	84.6465, -6.8458, 11.5706

Details

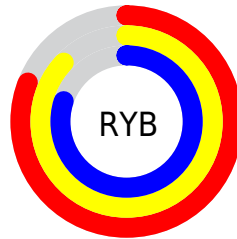
The Yxy color **71.6503, 0.3241, 0.3466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4020, 0.3010, 0.3108**, and the grayscale version is **71.2346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7223, 0.3268, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **69.9835, 0.3396, 0.3703**, and if you desaturate by 10%, it is **73.4806, 0.3093, 0.3237**.

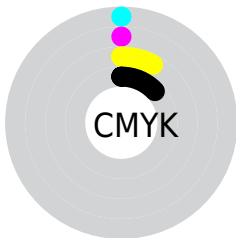
Distribution



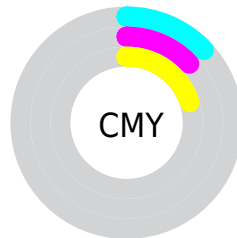
- Red (87%)
- Green (87%)
- Blue (80%)



- Red (81%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6503, 0.3241, 0.3466 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 71.6503, 0.3241, 0.3466 by changing the saturation by 10% instead.

■ 71.6503, 0.3241,
0.3466

■ 71.6503, 0.3241,
0.3466

466.3235, 0.3188,
0.3384

■ 52.8731, 0.3253,
0.3485

121.5592, 0.3223,
0.3437

■ 37.7014, 0.3268,
0.3508

153.4597, 0.3216,
0.3426

■ 25.7511, 0.3287,
0.3538

190.5034, 0.3210,
0.3417

■ 16.6375, 0.3311,
0.3578

233.0746, 0.3204,
0.3408

■ 9.9764, 0.3345,
0.3632

281.5579, 0.3199,
0.3401

■ 5.3833, 0.3394,
0.3712

336.3375, 0.3195,

■ 2.4739, 0.3469,

0.3395

0.3839

397.7979, 0.3192,
0.3389

0.8635, 0.3790,
0.4297

0.0000, 0.0000,
0.0000

71.6503, 0.3241,
0.3466

71.6503, 0.3241,
0.3466

69.9835, 0.3396,
0.3703

73.4806, 0.3093,
0.3237

68.4644, 0.3553,
0.3942

75.4711, 0.2954,
0.3020

67.0893, 0.3708,
0.4175

76.5130, 0.2920,
0.2977

65.8509, 0.3856,
0.4392

77.2063, 0.2921,
0.2991

64.7411, 0.3990,
0.4585

77.9047, 0.2921,
0.3004

63.7509, 0.4104,
0.4743

78.6084, 0.2922,
0.3018

62.8704, 0.4193,
0.4860

79.3172, 0.2922,
0.3031

62.0874, 0.4255,
0.4932

80.0313, 0.2922,
0.3045

61.3858, 0.4292,
0.4964

80.7506, 0.2923,
0.3058

Harmonies

Analogous

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



71.6503, 0.3307, 0.3436



71.6503, 0.3241, 0.3466



71.6503, 0.3145, 0.3447

Triad

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



71.6503, 0.3241, 0.3466



71.6503, 0.2934, 0.3207



71.6503, 0.3208, 0.3199

Complementary

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



71.6503, 0.3241, 0.3466



62.4020, 0.3010, 0.3108

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.



71.6503, 0.3107, 0.3139



71.6503, 0.3241, 0.3466



71.6503, 0.2950, 0.3143

Square

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



71.6503, 0.3241, 0.3466



71.6503, 0.2968, 0.3295



71.6503, 0.3013, 0.3119



71.6503, 0.3288, 0.3282

Rectangle

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



71.6503, 0.3241, 0.3466



71.6503, 0.3077, 0.3409



71.6503, 0.3013, 0.3119



71.6503, 0.3176, 0.3175

Sweetspot

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



71.6534, 0.3241, 0.3466



99.4886, 0.3157, 0.3336



63.6680, 0.3249, 0.3278



21.3000, 0.3155, 0.3334



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.



71.6534, 0.3241, 0.3466



97.7686, 0.3263, 0.3500



71.0357, 0.3187, 0.3480



15.8872, 0.3269, 0.3509



36.4299, 0.4297, 0.4970



2.5669, 0.4279, 0.4984

Inverse Universe

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



62.4020, 0.3010, 0.3108



82.8728, 0.2987, 0.3071



63.0030, 0.3064, 0.3100



13.3693, 0.2981, 0.3062



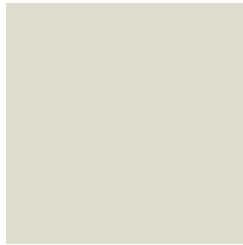
3.3526, 0.1511, 0.0638



0.2777, 0.1541, 0.0747

Previews

White Background



This preview shows how the Yxy color 71.6503, 0.3241, 0.3466 looks on a white background.

Color Contrast Check

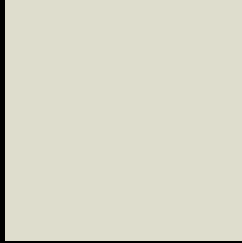
Large Text (above 18pt) WCAG AA × Fail

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 71.6503, 0.3241, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

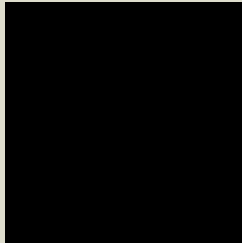
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

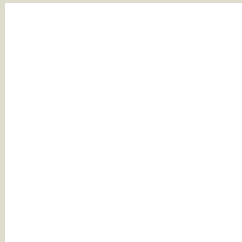
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6503, 0.3241, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 71.6503, 0.3241, 0.3466.



This preview shows how white text looks on a background with the Yxy color 71.6503, 0.3241, 0.3466.

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

71.6503, 0.3241, 0.3466

Protanopia

71.5166, 0.3295, 0.3454

Deuteranopia

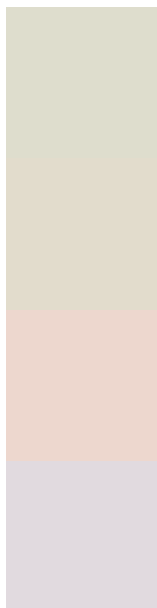
71.1848, 0.3420, 0.3343



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.6503, 0.3241, 0.3466

Protanomaly

71.7148, 0.3279, 0.3465

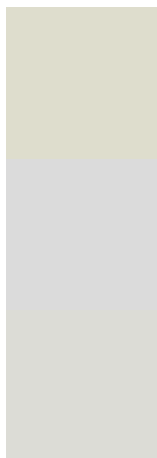
Deuteranomaly

71.0616, 0.3354, 0.3387

Tritanomaly

71.4781, 0.3144, 0.3236

Monochromacy



Original Color

71.6503, 0.3241, 0.3466

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2571, 0.3167, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6503, 0.3241, 0.3466 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(222, 221, 205)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 205)  
}
```

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(222, 221, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 205) }
```

Border

The CSS property to change the border of an element to Yxy 71.6503, 0.3241, 0.3466 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(222, 221, 205) }
```

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

```
.border{ border-color:rgb(222, 221, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 205);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6503, 0.3241, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 205) }
```

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

```
.background{ background-color: rgb(222,  
221, 205) }
```

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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