

Converting Colors

$Yxy(73.5724, 0.3196, 0.3368)$

Have a look what the booklet for
Yxy(73.5724, 0.3196, 0.3368)
contains.

Yxy(73.8504, 0.3201, 0.3376)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.8504, 0.3201, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFD7
RGB	226, 223, 215
RGB Percent	89%, 87%, 84%
CMY	0.1137, 0.1255, 0.1567
CMYK	0.00, 0.01, 0.05, 0.11
HSL	44°, 16%, 86%
HSV	44°, 5%, 89%
XYZ	70.0223, 73.8504, 74.8785
YIQ	222.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

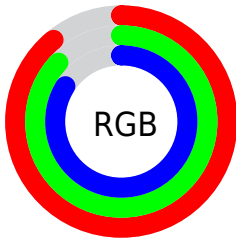
Format	Color
RYB	219, 226, 215
Decimal	14868439
CIELab	88.85, -0.37, 4.24
CIElCh	89, 4.260, 94.927
Yxy	73.8504, 0.3201, 0.3376
Android (android.graphics.Color)	4293058519 (0xFFE2DFD7)
YUV	222.9850, -3.9366, 2.6442
Hunter-Lab	85.9363, -4.9438, 8.4944

Details

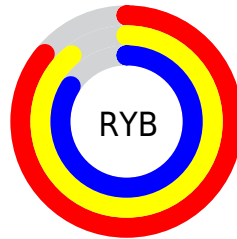
The Yxy color **73.8504, 0.3201, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1094, 0.3053, 0.3203**, and the grayscale version is **73.8107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2013, 0.3224, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **69.5216, 0.3364, 0.3560**, and if you desaturate by 10%, it is **78.4671, 0.3053, 0.3201**.

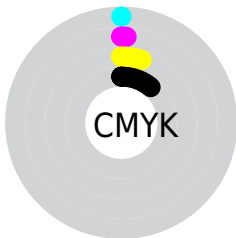
Distribution



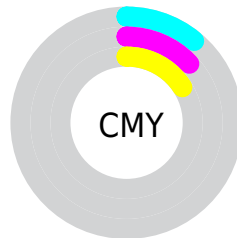
- Red (89%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8504, 0.3201, 0.3376 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 73.8504, 0.3201, 0.3376 by changing the saturation by 10% instead.

■ 73.8504, 0.3201,
0.3376

■ 73.8504, 0.3201,
0.3376

473.9569, 0.3167,
0.3336

■ 54.6716, 0.3209,
0.3385

124.6837, 0.3189,
0.3362

■ 39.1389, 0.3218,
0.3396

157.1070, 0.3185,
0.3357

■ 26.8678, 0.3231,
0.3410

194.7140, 0.3181,
0.3352

■ 17.4739, 0.3246,
0.3429

237.8889, 0.3177,
0.3348

■ 10.5730, 0.3268,
0.3455

287.0163, 0.3174,
0.3345

■ 5.7805, 0.3300,
0.3491

342.4805, 0.3171,

■ 2.7121, 0.3349,

0.3342

0.3549

404.6659, 0.3169,
0.3339

0.9833, 0.3454,
0.3671

0.0000, 0.0000,
0.0000

73.8504, 0.3201,
0.3376

73.8504, 0.3201,
0.3376

69.5216, 0.3364,
0.3560

78.4671, 0.3053,
0.3201

65.4634, 0.3540,
0.3749

83.0276, 0.2949,
0.3090

61.6706, 0.3727,
0.3939

86.6433, 0.2950,
0.3154

58.1344, 0.3921,
0.4123

90.3839, 0.2951,
0.3217

■ 54.8454, 0.4116,
0.4289

■ 94.2504, 0.2952,
0.3279

■ 51.7929, 0.4303,
0.4429

■ 94.9097, 0.2952,
0.3289

■ 48.9656, 0.4474,
0.4531

■ 46.3501, 0.4620,
0.4587

■ 43.9306, 0.4735,
0.4593

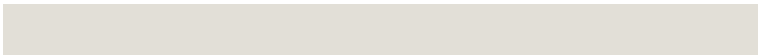
Harmonies

Analogous

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



73.8504, 0.3225, 0.3353



73.8504, 0.3201, 0.3376



73.8504, 0.3157, 0.3376

Triad

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



73.8504, 0.3201, 0.3376



73.8504, 0.3033, 0.3266



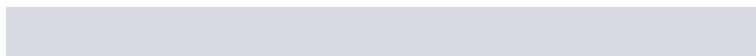
73.8504, 0.3148, 0.3229

Complementary

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



73.8504, 0.3201, 0.3376



70.1094, 0.3053, 0.3203

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.



73.8504, 0.3097, 0.3206



73.8504, 0.3201, 0.3376



73.8504, 0.3030, 0.3227

Square

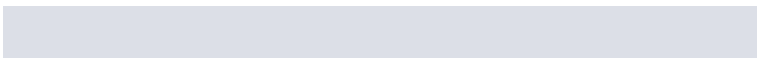
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8504, 0.3201, 0.3376



73.8504, 0.3060, 0.3312



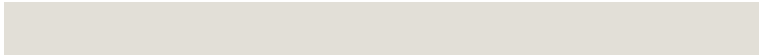
73.8504, 0.3054, 0.3205



73.8504, 0.3195, 0.3268

Rectangle

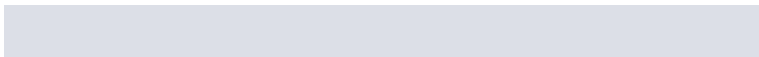
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8504, 0.3201, 0.3376



73.8504, 0.3123, 0.3363



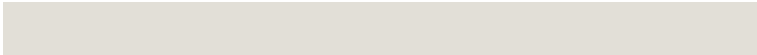
73.8504, 0.3054, 0.3205



73.8504, 0.3131, 0.3219

Sweetspot

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



73.8536, 0.3201, 0.3376



99.3918, 0.3142, 0.3308



69.8595, 0.3186, 0.3257



21.2804, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



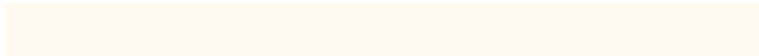
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8536, 0.3201, 0.3376



96.4077, 0.3220, 0.3397



75.0923, 0.3182, 0.3409



15.6266, 0.3229, 0.3408



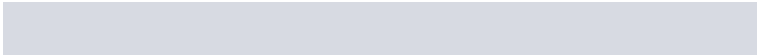
24.5946, 0.4775, 0.4591



1.8517, 0.4665, 0.4678

Inverse Universe

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



70.1094, 0.3053, 0.3203



90.3294, 0.3035, 0.3180



68.9269, 0.3071, 0.3170



14.5491, 0.3026, 0.3170



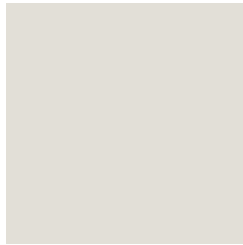
5.2638, 0.1596, 0.0944



0.5121, 0.1680, 0.1246

Previews

White Background



This preview shows how the Yxy color 73.8504, 0.3201, 0.3376 looks on a white background.

Color Contrast Check

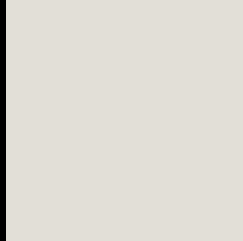
Large Text (above 18pt) WCAG AA × Fail

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 73.8504, 0.3201, 0.3376 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

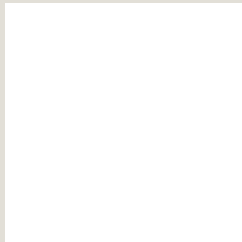
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8504, 0.3201, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 73.8504, 0.3201, 0.3376.

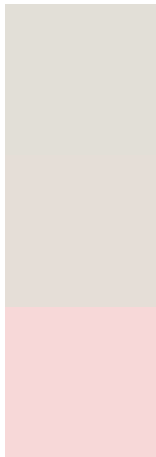


This preview shows how white text looks on a background with the Yxy color 73.8504, 0.3201, 0.3376.

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

73.8504, 0.3201, 0.3376

Protanopia

73.8069, 0.3224, 0.3365

Deuteranopia

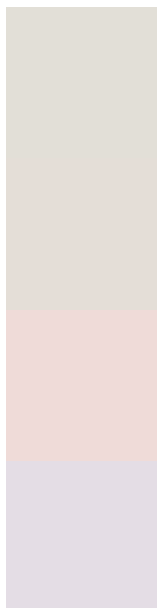
73.8438, 0.3356, 0.3291



Tritanopia

73.9588, 0.3079, 0.3112

Trichromacy



Original Color

73.8504, 0.3201, 0.3376

Protanomaly

73.6428, 0.3216, 0.3365

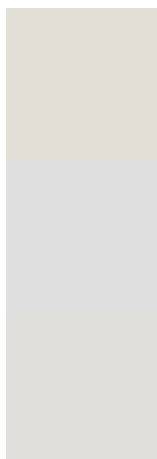
Deuteranomaly

73.9716, 0.3293, 0.3322

Tritanomaly

73.8640, 0.3124, 0.3205

Monochromacy



Original Color

73.8504, 0.3201, 0.3376

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7900, 0.3154, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8504, 0.3201, 0.3376 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(226, 223, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 215)  
}
```

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(226, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 215) }
```

Border

The CSS property to change the border of an element to Yxy 73.8504, 0.3201, 0.3376 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(226, 223, 215) }
```

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

```
.border{ border-color:rgb(226, 223, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8504, 0.3201, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 215) }
```

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

```
.background{ background-color: rgb(226,  
223, 215) }
```

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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