

Converting Colors

$Y_{xy}(72.8257, 0.3506, 0.3681)$

Have a look what the booklet for
Yxy(72.8257, 0.3506, 0.3681)
contains.

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Color

Yxy(72.6516, 0.3501, 0.3678)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDDCB8 |
| RGB | 237, 220, 184 |
| RGB Percent | 93%, 86%, 72% |
| CMY | 0.0708, 0.1372, 0.2784 |
| CMYK | 0.00, 0.07, 0.22, 0.07 |
| HSL | 41°, 59%, 83% |
| HSV | 41°, 22%, 93% |
| XYZ | 69.1553, 72.6516, 55.7233 |
| YIQ | 220.9790, 21.6880, -7.5920 |

Conversions

Conversions Part 2

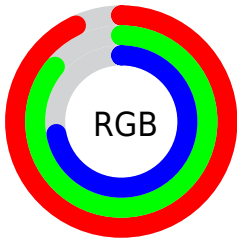
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 209, 237, 184 |
| Decimal | 15588536 |
| CIE Lab | 88.28, 0.22, 19.82 |
| CIE LCh | 88, 19.820, 89.360 |
| Yxy | 72.6516, 0.3501, 0.3678 |
| Android (android.graphics.Color) | 4293778616 (0xFFEDDCB8) |
| YUV | 220.9790, -18.2306, 14.0504 |
| Hunter-Lab | 85.2359, -4.3386, 20.9041 |

Details

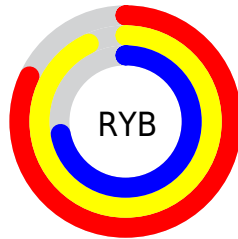
The Yxy color **72.6516, 0.3501, 0.3678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.0348, 0.2764, 0.2869**, and the grayscale version is **72.4070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **38.3727, 0.3591, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **67.8577, 0.3692, 0.3859**, and if you desaturate by 10%, it is **77.7985, 0.3324, 0.3500**.

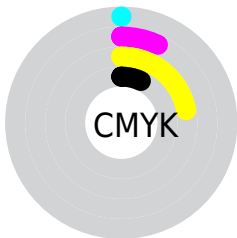
Distribution



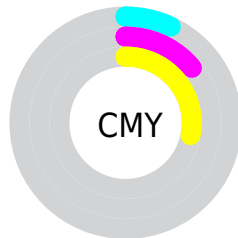
- Red (93%)
- Green (86%)
- Blue (72%)



- Red (82%)
- Yellow (93%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6516, 0.3501, 0.3678 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 72.6516, 0.3501, 0.3678 by changing the saturation by 10% instead.

 72.6516, 0.3501,
0.3678

 72.6516, 0.3501,
0.3678


469.8064, 0.3328,
0.3499

 53.6911, 0.3540,
0.3719


 122.9825, 0.3441,
0.3616

 38.3548, 0.3588,
0.3769


155.1217, 0.3418,
0.3592

 26.2582, 0.3649,
0.3831


192.4226, 0.3398,
0.3571

 17.0169, 0.3728,
0.3913

235.2696, 0.3380,
0.3553

 10.2465, 0.3834,
0.4022

284.0471, 0.3365,
0.3537

 5.5627, 0.3981,
0.4174

339.1394, 0.3351,

 2.5811, 0.4203,

0.3523

0.4402

400.9311, 0.3339,
0.3510

0.9172, 0.4889,
0.5111

0.0000, 0.0000,
0.0000

72.6516, 0.3501,
0.3678

72.6516, 0.3501,
0.3678

67.8577, 0.3692,
0.3859

77.7985, 0.3324,
0.3500

63.3963, 0.3895,
0.4035

83.2985, 0.3163,
0.3329

59.2593, 0.4103,
0.4198

89.1594, 0.3018,
0.3168

55.4344, 0.4309,
0.4337

93.7783, 0.3017,
0.3244

■ 51.9080, 0.4504,
0.4441

■ 96.7347, 0.3017,
0.3290

■ 48.6646, 0.4677,
0.4500

■ 45.6864, 0.4819,
0.4508

■ 43.5657, 0.4909,
0.4484

Harmonies

Analogous

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



72.6516, 0.3598, 0.3542



72.6516, 0.3501, 0.3678



72.6516, 0.3304, 0.3712

Triad

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



72.6516, 0.3501, 0.3678



72.6516, 0.2708, 0.3205



72.6516, 0.3177, 0.2989

Complementary

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



72.6516, 0.3501, 0.3678



58.0348, 0.2764, 0.2869

Split Complementary

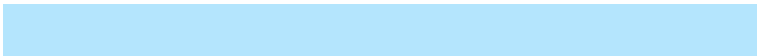
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6516, 0.2940, 0.2901



72.6516, 0.3501, 0.3678



72.6516, 0.2677, 0.3015

Square

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



72.6516, 0.3501, 0.3678



72.6516, 0.2848, 0.3431



72.6516, 0.2760, 0.2908



72.6516, 0.3408, 0.3150

Rectangle

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



72.6516, 0.3501, 0.3678



72.6516, 0.3145, 0.3664



72.6516, 0.2760, 0.2908



72.6516, 0.3095, 0.2950

Sweetspot

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



72.6549, 0.3501, 0.3678



95.3179, 0.3236, 0.3408



56.5221, 0.3435, 0.3098



20.3177, 0.3246, 0.3418



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.



72.6549, 0.3501, 0.3678



83.0895, 0.3590, 0.3764



80.5093, 0.3401, 0.3859



16.7682, 0.3276, 0.3450



24.0451, 0.4894, 0.4496



2.0604, 0.4773, 0.4592

Inverse Universe

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



58.0348, 0.2764, 0.2869



62.8627, 0.2680, 0.2765



51.7050, 0.2813, 0.2675



15.3346, 0.2980, 0.3125



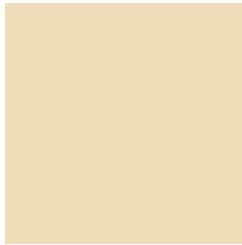
6.3494, 0.1624, 0.1047



0.6665, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 72.6516, 0.3501, 0.3678 looks on a white background.

Color Contrast Check

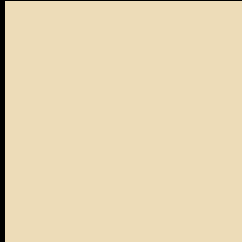
Large Text (above 18pt) WCAG AA × Fail

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 72.6516, 0.3501, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

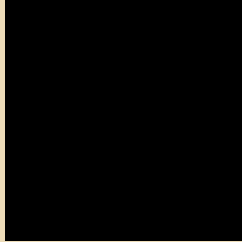
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

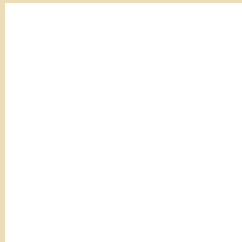
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6516, 0.3501, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 72.6516, 0.3501, 0.3678.

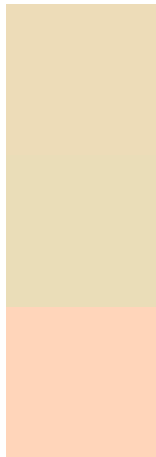


This preview shows how white text looks on a background with the Yxy color 72.6516, 0.3501, 0.3678.

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

72.6516, 0.3501, 0.3678

Protanopia

72.6660, 0.3476, 0.3691

Deuteranopia

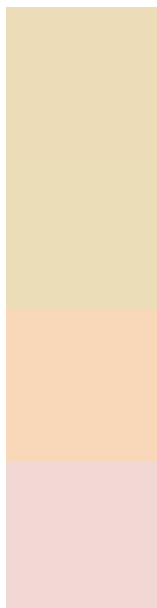
72.3937, 0.3643, 0.3569



Tritanopia

72.8610, 0.3230, 0.3126

Trichromacy



Original Color

72.6516, 0.3501, 0.3678

Protanomaly

72.8358, 0.3484, 0.3690

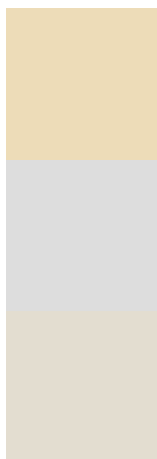
Deuteranomaly

72.5710, 0.3589, 0.3616

Tritanomaly

72.6166, 0.3332, 0.3322

Monochromacy



Original Color

72.6516, 0.3501, 0.3678

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5979, 0.3258, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6516, 0.3501, 0.3678 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(237, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 184)  
}
```

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(237, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 184) }
```

Border

The CSS property to change the border of an element to Yxy 72.6516, 0.3501, 0.3678 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(237, 220, 184) }
```

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

```
.border{ border-color:rgb(237, 220, 184) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6516, 0.3501, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 184) }
```

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

```
.background{ background-color: rgb(237,  
220, 184) }
```

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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