

Converting Colors

$Y_{xy}(72.3197, 0.3366, 0.3510)$

Have a look what the booklet for
Yxy(72.3197, 0.3366, 0.3510)
contains.

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Color

Yxy(72.1102, 0.3367, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	E9DBC7
RGB	233, 219, 199
RGB Percent	91%, 86%, 78%
CMY	0.0862, 0.1412, 0.2195
CMYK	0.00, 0.06, 0.15, 0.09
HSL	35°, 44%, 85%
HSV	35°, 15%, 91%
XYZ	69.2513, 72.1102, 64.3151
YIQ	220.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

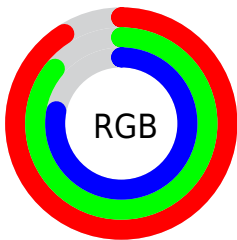
Format	Color
R _Y B	223, 233, 199
Decimal	15326151
CIE Lab	88.02, 1.55, 11.54
CIE LCh	88, 11.642, 82.355
Yxy	72.1102, 0.3367, 0.3506
Android (android.graphics.Color)	4293516231 (0xFFE9DBC7)
YUV	220.9060, -10.7997, 10.6064
Hunter-Lab	84.9177, -3.0374, 14.5373

Details

The Yxy color **72.1102, 0.3367, 0.3506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6415, 0.2898, 0.3064**, and the grayscale version is **72.3108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9424, 0.3424, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **66.2413, 0.3556, 0.3662**, and if you desaturate by 10%, it is **78.4409, 0.3198, 0.3356**.

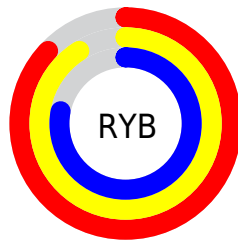
Distribution



Red (91%)

Green (86%)

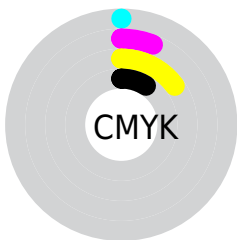
Blue (78%)



Red (87%)

Yellow (91%)

Blue (78%)

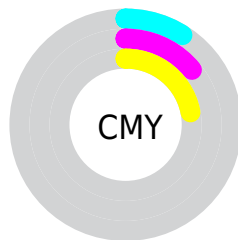


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (9%)



Cyan (9%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1102, 0.3367, 0.3506 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 72.1102, 0.3367, 0.3506 by changing the saturation by 10% instead.


 72.1102, 0.3367,
0.3506

 72.1102, 0.3367,
0.3506


467.9251, 0.3256,
0.3406

 53.2487, 0.3393,
0.3529


122.2132, 0.3328,
0.3471

 38.0013, 0.3424,
0.3557


154.2235, 0.3313,
0.3458

 25.9837, 0.3464,
0.3592


191.3855, 0.3300,
0.3446

 16.8115, 0.3517,
0.3639

234.0836, 0.3289,
0.3436

 10.1002, 0.3589,
0.3701

282.7022, 0.3279,
0.3427

 5.4654, 0.3692,
0.3791

337.6257, 0.3270,

 2.5228, 0.3854,

0.3420

399.2386, 0.3263,
0.3413

0.3929

0.8880, 0.4571,
0.4599

0.0000, 0.0000,
0.0000

72.1102, 0.3367,
0.3506

72.1102, 0.3367,
0.3506

66.2413, 0.3556,
0.3662

78.4409, 0.3198,
0.3356

60.8121, 0.3764,
0.3820

85.2354, 0.3048,
0.3215

55.8129, 0.3989,
0.3973

91.5784, 0.2993,
0.3218

51.2296, 0.4226,
0.4113

96.0670, 0.2994,
0.3290

■ 47.0475, 0.4466,
0.4227

■ 43.2499, 0.4698,
0.4304

■ 39.8188, 0.4909,
0.4333

■ 36.7328, 0.5086,
0.4308

■ 35.1916, 0.5170,
0.4277

Harmonies

Analogous

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



72.1102, 0.3406, 0.3418



72.1102, 0.3367, 0.3506



72.1102, 0.3264, 0.3538

Triad

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



72.1102, 0.3367, 0.3506



72.1102, 0.2892, 0.3273



72.1102, 0.3124, 0.3092

Complementary

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



72.1102, 0.3367, 0.3506



65.6415, 0.2898, 0.3064

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.



72.1102, 0.2988, 0.3053



72.1102, 0.3367, 0.3506



72.1102, 0.2857, 0.3153

Square

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



72.1102, 0.3367, 0.3506



72.1102, 0.2990, 0.3402



72.1102, 0.2891, 0.3074



72.1102, 0.3264, 0.3182

Rectangle

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



72.1102, 0.3367, 0.3506



72.1102, 0.3173, 0.3520



72.1102, 0.2891, 0.3074



72.1102, 0.3077, 0.3073

Sweetspot

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



72.1134, 0.3367, 0.3506



96.7053, 0.3189, 0.3348



62.9985, 0.3290, 0.3137



20.5685, 0.3201, 0.3359



0.0000, 0.0000, 0.0000



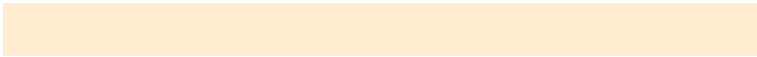
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1134, 0.3367, 0.3506



85.8982, 0.3431, 0.3560



79.2677, 0.3325, 0.3654



16.5249, 0.3278, 0.3428



20.2148, 0.5151, 0.4292



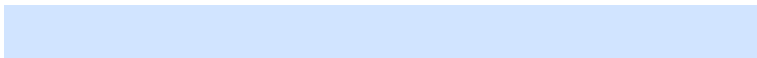
1.7762, 0.4982, 0.4426

Inverse Universe

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



65.6415, 0.2898, 0.3064



76.2945, 0.2840, 0.3004



59.2788, 0.2912, 0.2904



15.5695, 0.2980, 0.3148



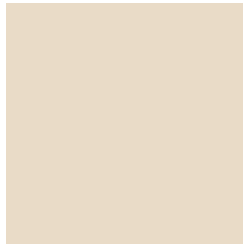
8.3268, 0.1695, 0.1302



0.8393, 0.1771, 0.1575

Previews

White Background



This preview shows how the Yxy color 72.1102, 0.3367, 0.3506 looks on a white background.

Color Contrast Check

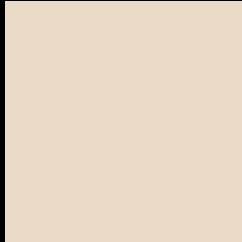
Large Text (above 18pt) WCAG AA × Fail

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 72.1102, 0.3367, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

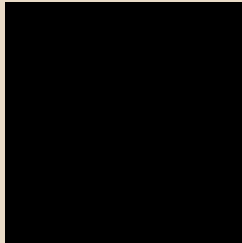
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

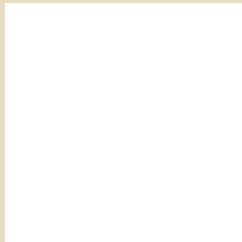
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1102, 0.3367, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 72.1102, 0.3367, 0.3506.

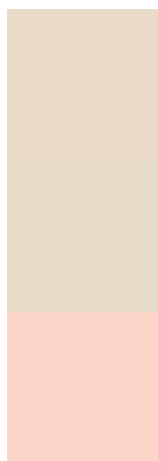


This preview shows how white text looks on a background with the Yxy color 72.1102, 0.3367, 0.3506.

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

72.1102, 0.3367, 0.3506

Protanopia

72.1795, 0.3336, 0.3507

Deuteranopia

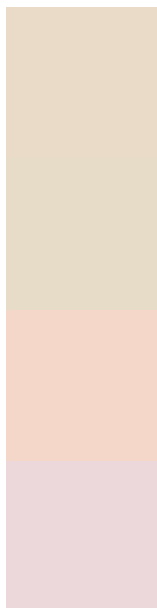
72.0826, 0.3500, 0.3426



Tritanopia

71.8672, 0.3179, 0.3113

Trichromacy



Original Color

72.1102, 0.3367, 0.3506

Protanomaly

72.3455, 0.3344, 0.3507

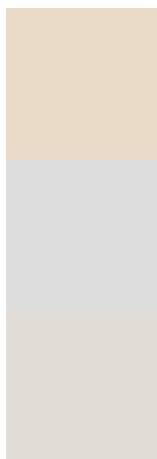
Deuteranomaly

72.0041, 0.3450, 0.3449

Tritanomaly

72.0591, 0.3253, 0.3259

Monochromacy



Original Color

72.1102, 0.3367, 0.3506

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9980, 0.3210, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1102, 0.3367, 0.3506 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(233, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 199)  
}
```

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(233, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 72.1102, 0.3367, 0.3506 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(233, 219, 199) }
```

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

```
.border{ border-color:rgb(233, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 219, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 219, 199); box-shadow:4px 4px 4px 4px rgb(233, 219, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1102, 0.3367, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 199) }
```

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

```
.background{ background-color: rgb(233,  
219, 199) }
```

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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