

Converting Colors

$Yxy(72.2908, 0.3468, 0.3704)$

Have a look what the booklet for
Yxy(72.2908, 0.3468, 0.3704)
contains.

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Color

Yxy(72.2876, 0.3468, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	E8DDB7
RGB	232, 221, 183
RGB Percent	91%, 87%, 72%
CMY	0.0902, 0.1333, 0.2823
CMYK	0.00, 0.05, 0.21, 0.09
HSL	47°, 52%, 81%
HSV	47°, 21%, 91%
XYZ	67.6818, 72.2876, 55.1915
YIQ	219.9570, 18.7540, -9.4860

Conversions

Conversions Part 2

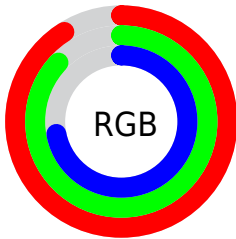
Format	Color
RYB	197, 232, 183
Decimal	15261111
CIELab	88.11, -2.24, 20.03
CIElCh	88, 20.154, 96.391
Yxy	72.2876, 0.3468, 0.3704
Android (android.graphics.Color)	4293451191 (0xFFE8DDB7)
YUV	219.9570, -18.2198, 10.5617
Hunter-Lab	85.0221, -6.6939, 21.0278

Details

The Yxy color **72.2876, 0.3468, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4784, 0.2782, 0.2839**, and the grayscale version is **71.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **38.1142, 0.3547, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **68.6972, 0.3646, 0.3906**, and if you desaturate by 10%, it is **76.1289, 0.3300, 0.3504**.

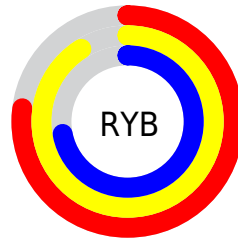
Distribution



Red (91%)

Green (87%)

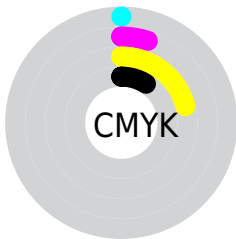
Blue (72%)



Red (77%)

Yellow (91%)

Blue (72%)

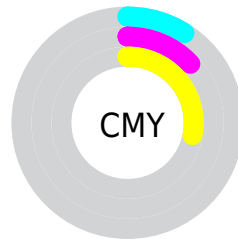


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (13%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2876, 0.3468, 0.3704 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 72.2876, 0.3468, 0.3704 by changing the saturation by 10% instead.


 72.2876, 0.3468,
0.3704

 72.2876, 0.3468,
0.3704

468.5420, 0.3311,
0.3512

 53.3936, 0.3504,
0.3748

 122.4653, 0.3414,
0.3637

 38.1171, 0.3547,
0.3802


154.5179, 0.3393,
0.3611

 26.0736, 0.3602,
0.3871


191.7255, 0.3374,
0.3589

 16.8787, 0.3673,
0.3960

234.4724, 0.3358,
0.3569

 10.1480, 0.3768,
0.4081

283.1432, 0.3344,
0.3552

 5.4972, 0.3899,
0.4251

338.1221, 0.3332,

 2.5419, 0.4097,

0.3537

0.4514

399.7936, 0.3321,
0.3524

0.8975, 0.4707,
0.5293

0.0000, 0.0000,
0.0000

72.2876, 0.3468,
0.3704

72.2876, 0.3468,
0.3704

68.6972, 0.3646,
0.3906

76.1289, 0.3300,
0.3504

65.3394, 0.3829,
0.4104

80.2194, 0.3144,
0.3311

62.2083, 0.4011,
0.4287

84.5699, 0.3001,
0.3128

59.2937, 0.4187,
0.4447

87.7737, 0.2987,
0.3158

■ 56.5846, 0.4346,
0.4571

■ 90.9128, 0.2987,
0.3210

■ 54.0682, 0.4482,
0.4652

■ 94.1408, 0.2987,
0.3262

■ 51.7296, 0.4589,
0.4685

■ 95.8948, 0.2987,
0.3290

■ 49.7789, 0.4662,
0.4680

Harmonies

Analogous

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



72.2876, 0.3595, 0.3586



72.2876, 0.3468, 0.3704



72.2876, 0.3251, 0.3709

Triad

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



72.2876, 0.3468, 0.3704



72.2876, 0.2683, 0.3152



72.2876, 0.3236, 0.3016

Complementary

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



72.2876, 0.3468, 0.3704



54.4784, 0.2782, 0.2839

Split Complementary

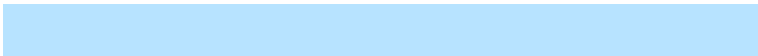
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2876, 0.2990, 0.2907



72.2876, 0.3468, 0.3704



72.2876, 0.2678, 0.2976

Square

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



72.2876, 0.3468, 0.3704



72.2876, 0.2801, 0.3380



72.2876, 0.2788, 0.2890



72.2876, 0.3459, 0.3193

Rectangle

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



72.2876, 0.3468, 0.3704



72.2876, 0.3087, 0.3642



72.2876, 0.2788, 0.2890



72.2876, 0.3153, 0.2971

Sweetspot

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



72.2908, 0.3468, 0.3704



96.8832, 0.3219, 0.3405



54.9421, 0.3455, 0.3163



20.6659, 0.3229, 0.3417



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.



72.2908, 0.3468, 0.3704



87.7656, 0.3538, 0.3785



76.1790, 0.3350, 0.3832



16.2399, 0.3273, 0.3471



27.8334, 0.4653, 0.4687



2.1919, 0.4572, 0.4751

Inverse Universe

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



54.4784, 0.2782, 0.2839



62.2551, 0.2710, 0.2740



51.4440, 0.2870, 0.2720



14.4089, 0.2980, 0.3102



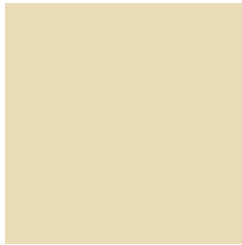
4.7548, 0.1568, 0.0843



0.4886, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 72.2876, 0.3468, 0.3704 looks on a white background.

Color Contrast Check

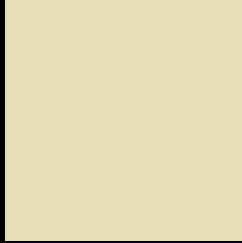
Large Text (above 18pt) WCAG AA × Fail

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 72.2876, 0.3468, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

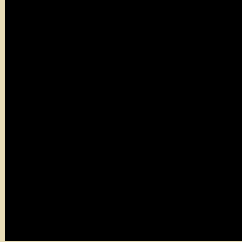
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

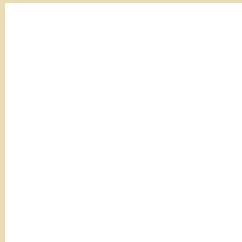
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2876, 0.3468, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 72.2876, 0.3468, 0.3704.

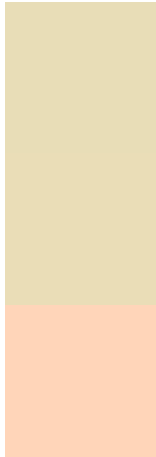


This preview shows how white text looks on a background with the Yxy color 72.2876, 0.3468, 0.3704.

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

72.2876, 0.3468, 0.3704

Protanopia

72.6242, 0.3483, 0.3702

Deuteranopia

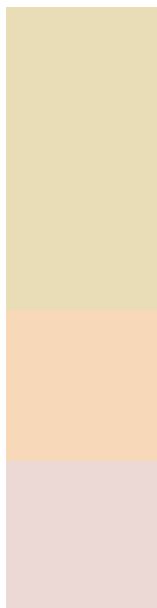
72.3513, 0.3651, 0.3580



Tritanopia

72.0398, 0.3186, 0.3113

Trichromacy



Original Color

72.2876, 0.3468, 0.3704

Protanomaly

72.4554, 0.3476, 0.3703

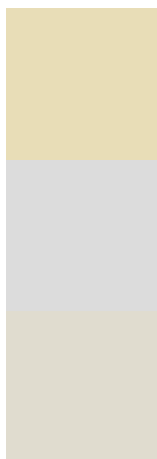
Deuteranomaly

72.3466, 0.3588, 0.3627

Tritanomaly

72.3136, 0.3287, 0.3322

Monochromacy



Original Color

72.2876, 0.3468, 0.3704

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5387, 0.3243, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2876, 0.3468, 0.3704 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(232, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 183)  
}
```

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(232, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 183) }
```

Border

The CSS property to change the border of an element to Yxy 72.2876, 0.3468, 0.3704 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(232, 221, 183) }
```

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

```
.border{ border-color:rgb(232, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2876, 0.3468, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 183) }
```

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

```
.background{ background-color: rgb(232,  
221, 183) }
```

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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