

Converting Colors

$Yxy(67.5366, 0.3472, 0.3599)$

Have a look what the booklet for
Yxy(67.5366, 0.3472, 0.3599)
contains.

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Color

Yxy(67.5366, 0.3472, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4B8
RGB	231, 212, 184
RGB Percent	91%, 83%, 72%
CMY	0.0941, 0.1686, 0.2783
CMYK	0.00, 0.08, 0.20, 0.09
HSL	36°, 49%, 81%
HSV	36°, 20%, 91%
XYZ	65.1534, 67.5366, 54.9638
YIQ	214.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

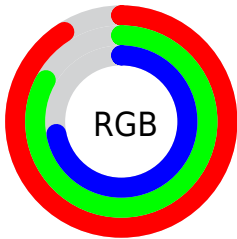
Format	Color
R _Y B	216, 231, 184
Decimal	15193272
CIE Lab	85.77, 2.18, 16.23
CIE LCh	86, 16.372, 82.347
Yxy	67.5366, 0.3472, 0.3599
Android (android.graphics.Color)	4293383352 (0xFFE7D4B8)
YUV	214.4890, -15.0311, 14.4801
Hunter-Lab	82.1807, -2.3001, 17.8723

Details

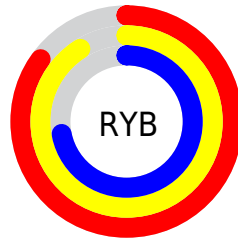
The Yxy color **67.5366, 0.3472, 0.3599** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.6898, 0.2803, 0.2960**, and the grayscale version is **67.6881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **34.8666, 0.3557, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **62.1108, 0.3671, 0.3759**, and if you desaturate by 10%, it is **73.3971, 0.3292, 0.3443**.

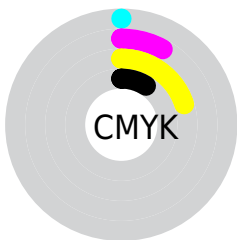
Distribution



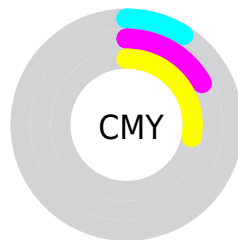
- Red (91%)
- Green (83%)
- Blue (72%)



- Red (85%)
- Yellow (91%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5366, 0.3472, 0.3599 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 67.5366, 0.3472, 0.3599 by changing the saturation by 10% instead.


 67.5366, 0.3472,
0.3599

 67.5366, 0.3472,
0.3599


451.8524, 0.3310,
0.3455

 49.5208, 0.3510,
0.3632


 115.6890, 0.3415,
0.3549

 35.0328, 0.3556,
0.3673


146.5944, 0.3393,
0.3530

 23.6882, 0.3615,
0.3724


182.5651, 0.3375,
0.3513

 15.1025, 0.3693,
0.3792

223.9855, 0.3358,
0.3498

 8.8913, 0.3800,
0.3883

271.2401, 0.3344,
0.3485

 4.6704, 0.3955,
0.4013

324.7132, 0.3331,

 2.0552, 0.4205,

0.3474

0.4220

384.7891, 0.3320,
0.3464

■ 0.6392, 0.5083,
0.4917

■ 0.0000, 0.0000,
0.0000

■ 67.5366, 0.3472,
0.3599

■ 67.5366, 0.3472,
0.3599

■ 62.1108, 0.3671,
0.3759

■ 73.3971, 0.3292,
0.3443

■ 57.0984, 0.3887,
0.3917

■ 79.6947, 0.3132,
0.3295

■ 52.4894, 0.4118,
0.4065

■ 86.4435, 0.2990,
0.3156

■ 48.2700, 0.4355,
0.4193

■ 92.1959, 0.2981,
0.3234

■ 44.4251, 0.4588,
0.4289

■ 95.7297, 0.2982,
0.3290

■ 40.9380, 0.4806,
0.4342

■ 37.7896, 0.4995,
0.4341

■ 35.0410, 0.5147,
0.4296

Harmonies

Analogous

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



67.5366, 0.3529, 0.3470



67.5366, 0.3472, 0.3599



67.5366, 0.3322, 0.3648

Triad

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



67.5366, 0.3472, 0.3599



67.5366, 0.2792, 0.3263



67.5366, 0.3121, 0.3009

Complementary

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



67.5366, 0.3472, 0.3599



58.6898, 0.2803, 0.2960

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.



67.5366, 0.2927, 0.2952



67.5366, 0.3472, 0.3599



67.5366, 0.2741, 0.3091

Square

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



67.5366, 0.3472, 0.3599



67.5366, 0.2930, 0.3451



67.5366, 0.2790, 0.2980



67.5366, 0.3323, 0.3135

Rectangle

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



67.5366, 0.3472, 0.3599



67.5366, 0.3191, 0.3624



67.5366, 0.2790, 0.2980



67.5366, 0.3053, 0.2982

Sweetspot

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



67.5396, 0.3472, 0.3599



95.1681, 0.3221, 0.3378



55.6229, 0.3368, 0.3073



20.2599, 0.3232, 0.3388



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.



67.5396, 0.3472, 0.3599



81.8757, 0.3545, 0.3659



76.9618, 0.3405, 0.3801



15.7880, 0.3278, 0.3430



19.8933, 0.5127, 0.4311



1.6512, 0.4954, 0.4448

Inverse Universe

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



58.6898, 0.2803, 0.2960



69.0945, 0.2738, 0.2890



50.7465, 0.2816, 0.2733



14.8395, 0.2981, 0.3146



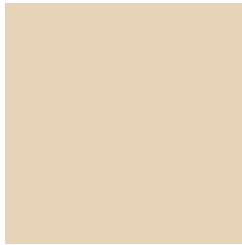
7.8957, 0.1689, 0.1280



0.7618, 0.1769, 0.1569

Previews

White Background



This preview shows how the Yxy color 67.5366, 0.3472, 0.3599 looks on a white background.

Color Contrast Check

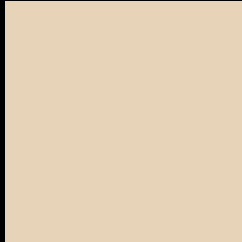
Large Text (above 18pt) WCAG AA × Fail

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 67.5366, 0.3472, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

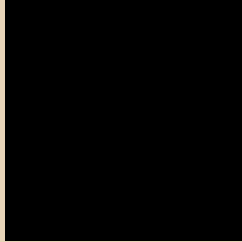
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

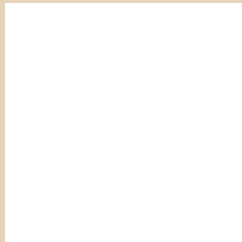
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5366, 0.3472, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 67.5366, 0.3472, 0.3599.



This preview shows how white text looks on a background with the Yxy color 67.5366, 0.3472, 0.3599.

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

67.5366, 0.3472, 0.3599

Protanopia

67.6035, 0.3414, 0.3614

Deuteranopia

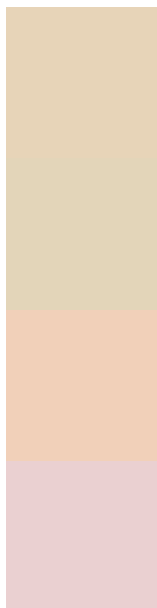
67.2382, 0.3598, 0.3514



Tritanopia

67.3032, 0.3234, 0.3110

Trichromacy



Original Color

67.5366, 0.3472, 0.3599

Protanomaly

67.4222, 0.3431, 0.3602

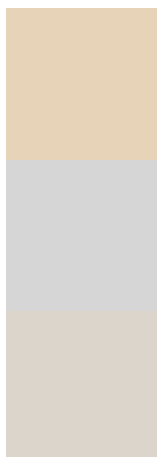
Deuteranomaly

67.3153, 0.3553, 0.3539

Tritanomaly

67.2076, 0.3318, 0.3280

Monochromacy



Original Color

67.5366, 0.3472, 0.3599

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1159, 0.3249, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5366, 0.3472, 0.3599 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(231, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 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(231, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 184) }
```

Border

The CSS property to change the border of an element to Yxy 67.5366, 0.3472, 0.3599 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(231, 212, 184) }
```

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

```
.border{ border-color:rgb(231, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5366, 0.3472, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 184) }
```

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

```
.background{ background-color: rgb(231,  
212, 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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