

Converting Colors

$Yxy(71.4675, 0.3521, 0.3636)$

Have a look what the booklet for
Yxy(71.4675, 0.3521, 0.3636)
contains.

Yxy(71.4792, 0.3516, 0.3634)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4792, 0.3516, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	EFD9B9
RGB	239, 217, 185
RGB Percent	94%, 85%, 73%
CMY	0.0629, 0.1490, 0.2744
CMYK	0.00, 0.09, 0.23, 0.06
HSL	36°, 63%, 83%
HSV	36°, 23%, 94%
XYZ	69.1582, 71.4792, 56.0583
YIQ	219.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

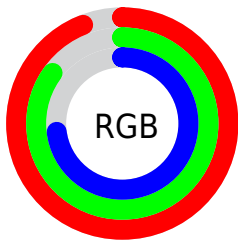
Format	Color
RYB	222, 239, 185
Decimal	15718841
CIELab	87.72, 2.66, 18.53
CIELCh	88, 18.717, 81.833
Yxy	71.4792, 0.3516, 0.3634
Android (android.graphics.Color)	4293908921 (0xFFEFD9B9)
YUV	219.9300, -17.2205, 16.7244
Hunter-Lab	84.5454, -1.9412, 19.8692

Details

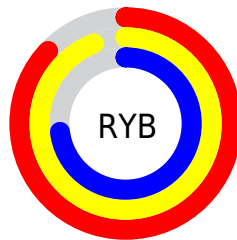
The Yxy color **71.4792, 0.3516, 0.3634** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.1528, 0.2764, 0.2920**, and the grayscale version is **71.6287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **37.5739, 0.3613, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **65.6912, 0.3720, 0.3794**, and if you desaturate by 10%, it is **77.7385, 0.3331, 0.3477**.

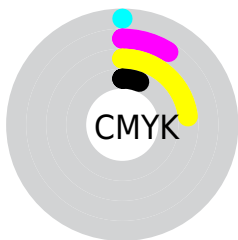
Distribution



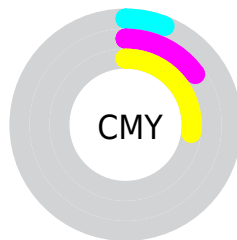
- Red (94%)
- Green (85%)
- Blue (73%)



- Red (87%)
- Yellow (94%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4792, 0.3516, 0.3634 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 71.4792, 0.3516, 0.3634 by changing the saturation by 10% instead.


 71.4792, 0.3516,
0.3634

 71.4792, 0.3516,
0.3634


465.7269, 0.3335,
0.3476

 52.7334, 0.3557,
0.3670


 121.3158, 0.3453,
0.3579

 37.5899, 0.3608,
0.3714


153.1753, 0.3429,
0.3558

 25.6646, 0.3673,
0.3769


190.1749, 0.3408,
0.3540

 16.5729, 0.3757,
0.3840

232.6989, 0.3390,
0.3524

 9.9304, 0.3871,
0.3935

281.1317, 0.3373,
0.3509

 5.3529, 0.4032,
0.4068

335.8577, 0.3359,

 2.4558, 0.4278,

0.3497

0.4263

397.2613, 0.3347,
0.3486

0.8544, 0.5067,
0.4933

0.0000, 0.0000,
0.0000

71.4792, 0.3516,
0.3634

71.4792, 0.3516,
0.3634

65.6912, 0.3720,
0.3794

77.7385, 0.3331,
0.3477

60.3513, 0.3941,
0.3950

84.4722, 0.3167,
0.3327

55.4483, 0.4175,
0.4094

91.5855, 0.3030,
0.3203

50.9669, 0.4413,
0.4216

97.0843, 0.3029,
0.3290

■ 46.8901, 0.4646,
0.4302

■ 43.1993, 0.4859,
0.4342

■ 39.8729, 0.5041,
0.4328

■ 37.6172, 0.5155,
0.4289

Harmonies

Analogous

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



71.4792, 0.3578, 0.3487



71.4792, 0.3516, 0.3634



71.4792, 0.3348, 0.3693

Triad

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



71.4792, 0.3516, 0.3634



71.4792, 0.2753, 0.3263



71.4792, 0.3116, 0.2975

Complementary

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



71.4792, 0.3516, 0.3634



61.1528, 0.2764, 0.2920

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.



71.4792, 0.2899, 0.2912



71.4792, 0.3516, 0.3634



71.4792, 0.2696, 0.3068

Square

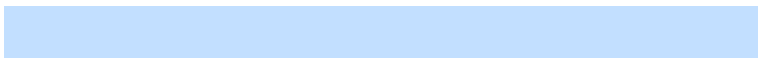
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4792, 0.3516, 0.3634



71.4792, 0.2909, 0.3474



71.4792, 0.2748, 0.2944



71.4792, 0.3343, 0.3114

Rectangle

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



71.4792, 0.3516, 0.3634



71.4792, 0.3202, 0.3668



71.4792, 0.2748, 0.2944



71.4792, 0.3040, 0.2944

Sweetspot

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



71.4824, 0.3516, 0.3634



94.3574, 0.3238, 0.3393



57.5778, 0.3402, 0.3048



20.0950, 0.3248, 0.3402



0.0000, 0.0000, 0.0000



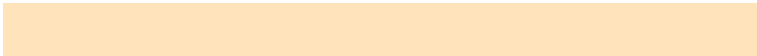
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4824, 0.3516, 0.3634



79.7454, 0.3606, 0.3706



82.7865, 0.3436, 0.3860



17.3179, 0.3278, 0.3430



21.0596, 0.5136, 0.4304



1.9469, 0.4978, 0.4429

Inverse Universe

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



61.1528, 0.2764, 0.2920



65.8510, 0.2687, 0.2835



51.8184, 0.2776, 0.2662



16.2845, 0.2980, 0.3146



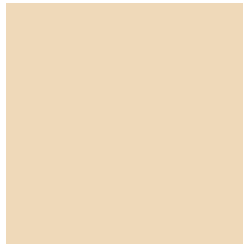
8.4338, 0.1690, 0.1284



0.8922, 0.1762, 0.1543

Previews

White Background



This preview shows how the Yxy color 71.4792, 0.3516, 0.3634 looks on a white background.

Color Contrast Check

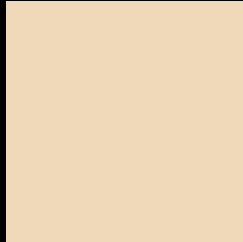
Large Text (above 18pt) WCAG AA × Fail

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 71.4792, 0.3516, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

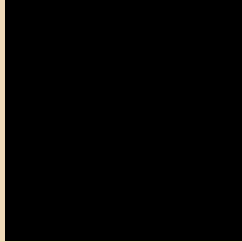
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4792, 0.3516, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 71.4792, 0.3516, 0.3634.



This preview shows how white text looks on a background with the Yxy color 71.4792, 0.3516, 0.3634.

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

71.4792, 0.3516, 0.3634

Protanopia

71.3640, 0.3451, 0.3650

Deuteranopia

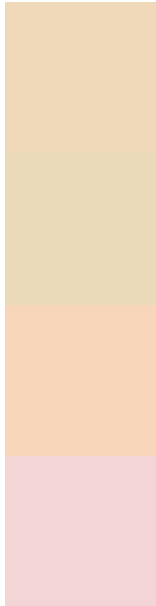
71.5148, 0.3630, 0.3561



Tritanopia

71.3677, 0.3261, 0.3125

Trichromacy



Original Color

71.4792, 0.3516, 0.3634

Protanomaly

71.3501, 0.3476, 0.3637

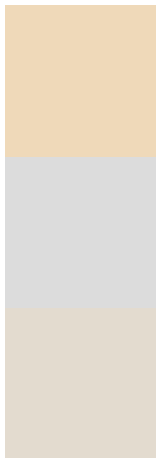
Deuteranomaly

71.5948, 0.3586, 0.3585

Tritanomaly

71.2192, 0.3351, 0.3301

Monochromacy



Original Color

71.4792, 0.3516, 0.3634

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4989, 0.3267, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4792, 0.3516, 0.3634 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(239, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 185)  
}
```

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(239, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 185) }
```

Border

The CSS property to change the border of an element to Yxy 71.4792, 0.3516, 0.3634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

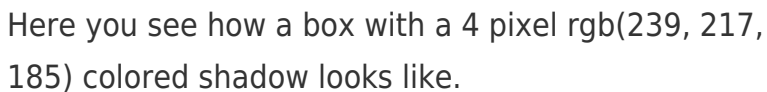
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 217, 185) }
```

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

```
.border{ border-color:rgb(239, 217, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 217, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 217, 185); box-shadow:4px 4px 4px 4px rgb(239, 217, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4792, 0.3516, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 185) }
```

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

```
.background{ background-color: rgb(239,  
217, 185) }
```

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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