

Converting Colors

$Yxy(72.2477, 0.3597, 0.3823)$

Have a look what the booklet for
Yxy(72.2477, 0.3597, 0.3823)
contains.

Yxy(72.1312, 0.3593, 0.3819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.1312, 0.3593, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	EDDCAB
RGB	237, 220, 171
RGB Percent	93%, 86%, 67%
CMY	0.0707, 0.1372, 0.3294
CMYK	0.00, 0.07, 0.28, 0.07
HSL	45°, 65%, 80%
HSV	45°, 28%, 93%
XYZ	67.8626, 72.1312, 48.8807
YIQ	219.4970, 25.8610, -11.6350

Conversions

Conversions Part 2

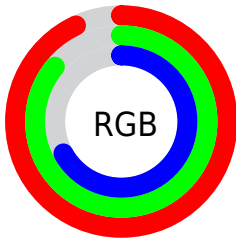
Format	Color
RYB	194, 237, 171
Decimal	15588523
CIELab	88.03, -1.52, 26.22
CIELCh	88, 26.269, 93.322
Yxy	72.1312, 0.3593, 0.3819
Android (android.graphics.Color)	4293778603 (0xFFEDDCAB)
YUV	219.4970, -23.9090, 15.3501
Hunter-Lab	84.9301, -5.9988, 25.3272

Details

The Yxy color **72.1312, 0.3593, 0.3819** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7266, 0.2662, 0.2698**, and the grayscale version is **71.3579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **37.9216, 0.3701, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **68.1700, 0.3780, 0.4012**, and if you desaturate by 10%, it is **76.3775, 0.3414, 0.3624**.

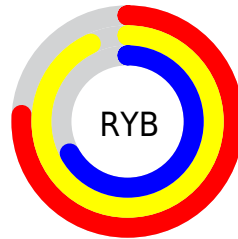
Distribution



Red (93%)

Green (86%)

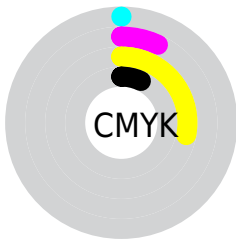
Blue (67%)



Red (76%)

Yellow (93%)

Blue (67%)

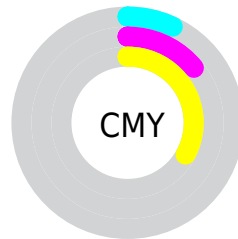


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1312, 0.3593, 0.3819 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 72.1312, 0.3593, 0.3819 by changing the saturation by 10% instead.


 72.1312, 0.3593,
0.3819

 72.1312, 0.3593,
0.3819


467.9981, 0.3379,
0.3574

 53.2659, 0.3641,
0.3874


 122.2430, 0.3519,
0.3734

 38.0150, 0.3700,
0.3942


154.2583, 0.3490,
0.3702

 25.9944, 0.3773,
0.4027


191.4257, 0.3466,
0.3673

 16.8194, 0.3867,
0.4137

234.1296, 0.3444,
0.3648

 10.1058, 0.3990,
0.4281

282.7544, 0.3425,
0.3626

 5.4692, 0.4155,
0.4478

337.6845, 0.3408,

 2.5251, 0.4481,

0.3607

0.4864

399.3043, 0.3393,
0.3590

0.8892, 0.4761,
0.5239

0.0000, 0.0000,
0.0000

72.1312, 0.3593,
0.3819

72.1312, 0.3593,
0.3819

68.1700, 0.3780,
0.4012

76.3775, 0.3414,
0.3624

64.4743, 0.3972,
0.4195

80.9082, 0.3248,
0.3434

61.0365, 0.4161,
0.4358

85.7354, 0.3095,
0.3251

57.8449, 0.4338,
0.4490

90.1517, 0.3018,
0.3185

■ 54.8863, 0.4496,
0.4581

■ 93.8865, 0.3017,
0.3245

■ 52.1452, 0.4625,
0.4624

■ 96.7395, 0.3017,
0.3290

■ 49.6013, 0.4725,
0.4619

■ 49.0696, 0.4745,
0.4615

Harmonies

Analogous

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



72.1312, 0.3747, 0.3647



72.1312, 0.3593, 0.3819



72.1312, 0.3317, 0.3850

Triad

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



72.1312, 0.3593, 0.3819



72.1312, 0.2562, 0.3134



72.1312, 0.3233, 0.2919

Complementary

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



72.1312, 0.3593, 0.3819



50.7266, 0.2662, 0.2698

Split Complementary

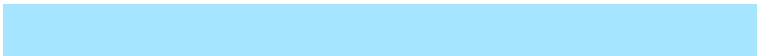
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1312, 0.2916, 0.2790



72.1312, 0.3593, 0.3819



72.1312, 0.2542, 0.2897

Square

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



72.1312, 0.3593, 0.3819



72.1312, 0.2726, 0.3436



72.1312, 0.2667, 0.2778



72.1312, 0.3535, 0.3136

Rectangle

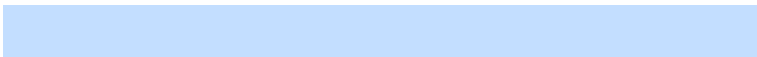
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1312, 0.3593, 0.3819



72.1312, 0.3104, 0.3774



72.1312, 0.2667, 0.2778



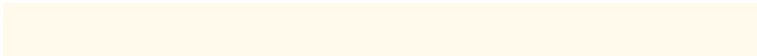
72.1312, 0.3125, 0.2864

Sweetspot

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



72.1345, 0.3593, 0.3819



95.4544, 0.3251, 0.3437



50.7880, 0.3574, 0.3096



20.2536, 0.3276, 0.3466



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.



72.1345, 0.3593, 0.3819



82.6801, 0.3691, 0.3922



78.9558, 0.3436, 0.4012



16.9333, 0.3274, 0.3464



27.0200, 0.4734, 0.4624



2.2749, 0.4642, 0.4696

Inverse Universe

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



50.7266, 0.2662, 0.2698



53.7731, 0.2564, 0.2564



45.7342, 0.2755, 0.2510



15.1784, 0.2980, 0.3110



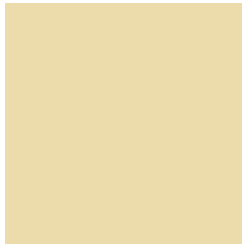
5.3351, 0.1585, 0.0905



0.5700, 0.1658, 0.1168

Previews

White Background



This preview shows how the Yxy color 72.1312, 0.3593, 0.3819 looks on a white background.

Color Contrast Check

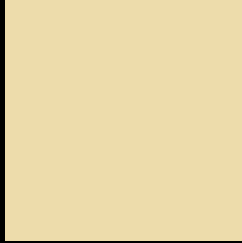
Large Text (above 18pt) WCAG AA × Fail

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 72.1312, 0.3593, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

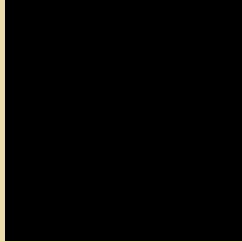
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

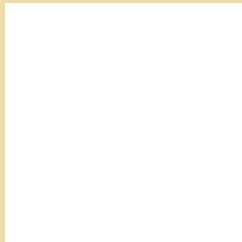
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1312, 0.3593, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 72.1312, 0.3593, 0.3819.



This preview shows how white text looks on a background with the Yxy color 72.1312, 0.3593, 0.3819.

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

72.1312, 0.3593, 0.3819

Protanopia

71.9595, 0.3586, 0.3820

Deuteranopia

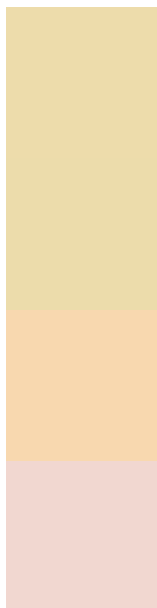
72.0629, 0.3703, 0.3652



Tritanopia

71.9772, 0.3246, 0.3115

Trichromacy



Original Color

72.1312, 0.3593, 0.3819

Protanomaly

71.9595, 0.3586, 0.3820

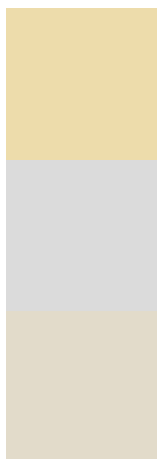
Deuteranomaly

72.1633, 0.3662, 0.3721

Tritanomaly

71.8557, 0.3369, 0.3365

Monochromacy



Original Color

72.1312, 0.3593, 0.3819

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0961, 0.3294, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1312, 0.3593, 0.3819 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 171) }
```

Border

The CSS property to change the border of an element to Yxy 72.1312, 0.3593, 0.3819 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, 171) }
```

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

```
.border{ border-color:rgb(237, 220, 171) }
```

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, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1312, 0.3593, 0.3819 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, 171) }
```

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

```
.background{ background-color: rgb(237,  
220, 171) }
```

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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