

Converting Colors

$Yxy(71.4184, 0.3549, 0.3644)$

Have a look what the booklet for
Yxy(71.4184, 0.3549, 0.3644)
contains.

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Color

Yxy(71.2314, 0.3549, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	F1D8B7
RGB	241, 216, 183
RGB Percent	95%, 85%, 72%
CMY	0.0549, 0.1529, 0.2825
CMYK	0.00, 0.10, 0.24, 0.05
HSL	34°, 67%, 83%
HSV	34°, 24%, 95%
XYZ	69.3744, 71.2314, 54.8701
YIQ	219.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

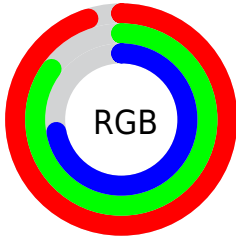
Format	Color
RYB	227, 241, 183
Decimal	15849655
CIELab	87.60, 3.64, 19.46
CIElCh	88, 19.799, 79.394
Yxy	71.2314, 0.3549, 0.3644
Android (android.graphics.Color)	4294039735 (0xFFFF1D8B7)
YUV	219.7130, -18.0995, 18.6687
Hunter-Lab	84.3987, -0.9736, 20.5329

Details

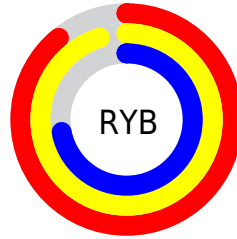
The Yxy color **71.2314, 0.3549, 0.3644** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.4991, 0.2740, 0.2908**, and the grayscale version is **71.4747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **37.2918, 0.3646, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **65.1656, 0.3759, 0.3798**, and if you desaturate by 10%, it is **77.8111, 0.3359, 0.3492**.

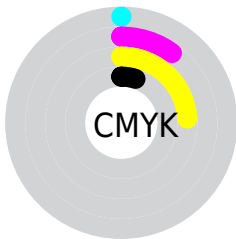
Distribution



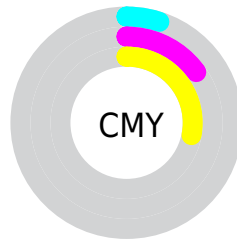
- Red (95%)
- Green (85%)
- Blue (72%)



- Red (89%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2314, 0.3549, 0.3644 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 71.2314, 0.3549, 0.3644 by changing the saturation by 10% instead.

 71.2314, 0.3549,
0.3644

 71.2314, 0.3549,
0.3644


464.8619, 0.3353,
0.3482

 52.5311, 0.3594,
0.3681

 120.9632, 0.3481,
0.3588

 37.4285, 0.3649,
0.3725


152.7634, 0.3454,
0.3566

 25.5395, 0.3720,
0.3782


189.6990, 0.3431,
0.3547

 16.4794, 0.3811,
0.3854

232.1544, 0.3412,
0.3531

 9.8640, 0.3935,
0.3950

280.5140, 0.3394,
0.3516

 5.3089, 0.4109,
0.4082

335.1622, 0.3379,

 2.4296, 0.4382,

0.3503

0.4279

396.4834, 0.3365,
0.3492

0.8411, 0.5139,
0.4861

0.0000, 0.0000,
0.0000

71.2314, 0.3549,
0.3644

71.2314, 0.3549,
0.3644

65.1656, 0.3759,
0.3798

77.8111, 0.3359,
0.3492

59.5893, 0.3988,
0.3947

84.9093, 0.3190,
0.3347

54.4898, 0.4231,
0.4084

92.5258, 0.3043,
0.3213

49.8500, 0.4479,
0.4196

97.4402, 0.3041,
0.3290

■ 45.6515, 0.4721,
0.4271

■ 41.8735, 0.4942,
0.4298

■ 38.4922, 0.5129,
0.4270

■ 36.6600, 0.5225,
0.4233

Harmonies

Analogous

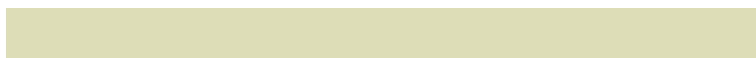
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2314, 0.3605, 0.3482



71.2314, 0.3549, 0.3644



71.2314, 0.3378, 0.3716

Triad

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



71.2314, 0.3549, 0.3644



71.2314, 0.2742, 0.3279



71.2314, 0.3095, 0.2948

Complementary

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



71.2314, 0.3549, 0.3644



61.4991, 0.2740, 0.2908

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.



71.2314, 0.2870, 0.2890



71.2314, 0.3549, 0.3644



71.2314, 0.2672, 0.3069

Square

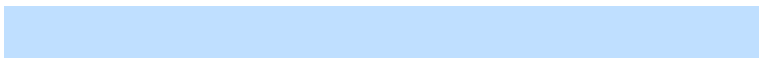
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2314, 0.3549, 0.3644



71.2314, 0.2912, 0.3503



71.2314, 0.2718, 0.2931



71.2314, 0.3337, 0.3089

Rectangle

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



71.2314, 0.3549, 0.3644



71.2314, 0.3226, 0.3697



71.2314, 0.2718, 0.2931



71.2314, 0.3015, 0.2919

Sweetspot

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



71.2346, 0.3549, 0.3644



94.0976, 0.3238, 0.3389



57.1105, 0.3417, 0.3021



20.0348, 0.3248, 0.3398



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.



71.2346, 0.3549, 0.3644



77.4604, 0.3652, 0.3721



84.3524, 0.3464, 0.3898



17.2531, 0.3279, 0.3424



20.1537, 0.5204, 0.4250



1.8738, 0.5034, 0.4385

Inverse Universe

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



61.4991, 0.2740, 0.2908



64.5818, 0.2655, 0.2816



50.7449, 0.2742, 0.2613



16.3479, 0.2980, 0.3152



9.0424, 0.1710, 0.1355



0.9461, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 71.2314, 0.3549, 0.3644 looks on a white background.

Color Contrast Check

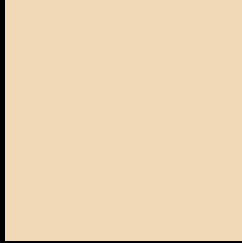
Large Text (above 18pt) WCAG AA × Fail

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 71.2314, 0.3549, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

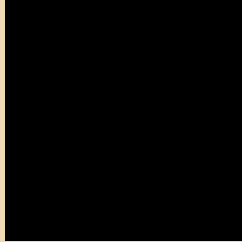
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

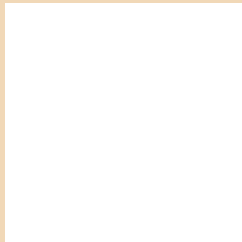
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2314, 0.3549, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 71.2314, 0.3549, 0.3644.



This preview shows how white text looks on a background with the Yxy color 71.2314, 0.3549, 0.3644.

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

71.2314, 0.3549, 0.3644

Protanopia

71.2795, 0.3465, 0.3672

Deuteranopia

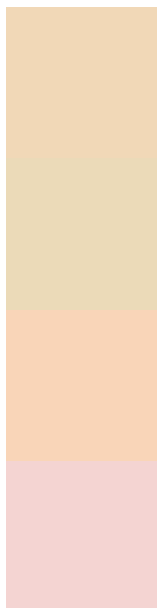
70.9319, 0.3648, 0.3571



Tritanopia

71.1770, 0.3284, 0.3126

Trichromacy



Original Color

71.2314, 0.3549, 0.3644

Protanomaly

71.2657, 0.3490, 0.3659

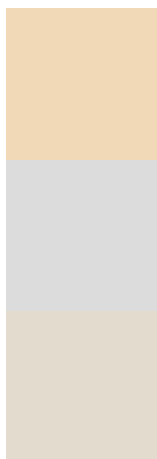
Deuteranomaly

71.1889, 0.3611, 0.3595

Tritanomaly

70.9732, 0.3382, 0.3312

Monochromacy



Original Color

71.2314, 0.3549, 0.3644

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6620, 0.3274, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2314, 0.3549, 0.3644 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(241, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 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(241, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 183) }
```

Border

The CSS property to change the border of an element to Yxy 71.2314, 0.3549, 0.3644 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(241, 216, 183) }
```

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

```
.border{ border-color:rgb(241, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(241, 216,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2314, 0.3549, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 183) }
```

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

```
.background{ background-color: rgb(241,  
216, 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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