

Converting Colors

$Yxy(71.4079, 0.3557, 0.3643)$

Have a look what the booklet for
Yxy(71.4079, 0.3557, 0.3643)
contains.

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Color

Yxy(71.4079, 0.3557, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	F2D8B7
RGB	242, 216, 183
RGB Percent	95%, 85%, 72%
CMY	0.0509, 0.1529, 0.2825
CMYK	0.00, 0.11, 0.24, 0.05
HSL	34°, 69%, 83%
HSV	34°, 24%, 95%
XYZ	69.7222, 71.4079, 54.8839
YIQ	220.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

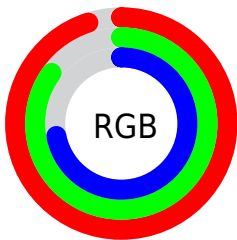
Format	Color
R _Y B	229, 242, 183
Decimal	15915191
CIE Lab	87.68, 4.03, 19.59
CIE LCh	88, 20.004, 78.388
Yxy	71.4079, 0.3557, 0.3643
Android (android.graphics.Color)	4294105271 (0xFFF2D8B7)
YUV	220.0120, -18.2469, 19.2835
Hunter-Lab	84.5032, -0.6032, 20.6440

Details

The Yxy color **71.4079, 0.3557, 0.3643** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0620, 0.2735, 0.2909**, and the grayscale version is **71.6964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **37.4157, 0.3656, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **65.2021, 0.3770, 0.3794**, and if you desaturate by 10%, it is **78.1479, 0.3366, 0.3494**.

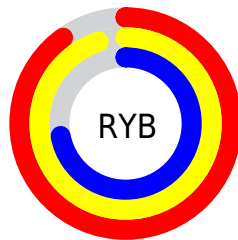
Distribution



Red (95%)

Green (85%)

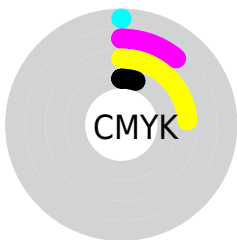
Blue (72%)



Red (90%)

Yellow (95%)

Blue (72%)

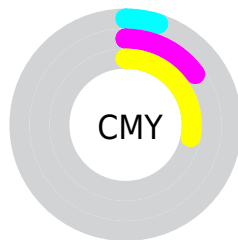


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4079, 0.3557, 0.3643 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 71.4079, 0.3557, 0.3643 by changing the saturation by 10% instead.


 71.4079, 0.3557,
0.3643

 71.4079, 0.3557,
0.3643


465.4781, 0.3357,
0.3481

 52.6751, 0.3603,
0.3679

 121.2143, 0.3487,
0.3587

 37.5435, 0.3659,
0.3724


153.0568, 0.3461,
0.3566

 25.6286, 0.3731,
0.3780


190.0380, 0.3437,
0.3547

 16.5460, 0.3824,
0.3851

232.5423, 0.3417,
0.3530

 9.9113, 0.3950,
0.3946

280.9540, 0.3399,
0.3516

 5.3402, 0.4128,
0.4076

335.6576, 0.3384,

 2.4482, 0.4404,

0.3503

0.4268

397.0375, 0.3370,
0.3492

0.8505, 0.5164,
0.4836

0.0000, 0.0000,
0.0000

71.4079, 0.3557,
0.3643

71.4079, 0.3557,
0.3643

65.2021, 0.3770,
0.3794

78.1479, 0.3366,
0.3494

59.5051, 0.4001,
0.3941

85.4271, 0.3196,
0.3350

54.3039, 0.4248,
0.4075

93.2264, 0.3049,
0.3221

49.5805, 0.4500,
0.4184

97.6207, 0.3048,
0.3290

■ 45.3158, 0.4746,
0.4256

■ 41.4881, 0.4971,
0.4278

■ 38.0727, 0.5162,
0.4246

■ 36.3239, 0.5255,
0.4209

Harmonies

Analogous

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



71.4079, 0.3609, 0.3478



71.4079, 0.3557, 0.3643



71.4079, 0.3388, 0.3720

Triad

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



71.4079, 0.3557, 0.3643



71.4079, 0.2742, 0.3287



71.4079, 0.3086, 0.2942

Complementary

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



71.4079, 0.3557, 0.3643



62.0620, 0.2735, 0.2909

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.



71.4079, 0.2861, 0.2886



71.4079, 0.3557, 0.3643



71.4079, 0.2668, 0.3073

Square

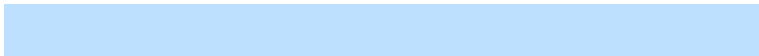
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4079, 0.3557, 0.3643



71.4079, 0.2918, 0.3512



71.4079, 0.2711, 0.2930



71.4079, 0.3331, 0.3082

Rectangle

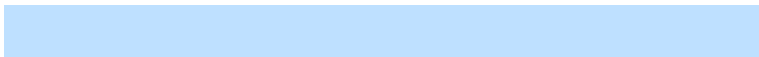
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4079, 0.3557, 0.3643



71.4079, 0.3235, 0.3704



71.4079, 0.2711, 0.2930



71.4079, 0.3006, 0.2913

Sweetspot

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



71.4111, 0.3557, 0.3643



93.9887, 0.3238, 0.3387



57.3601, 0.3413, 0.3006



20.0096, 0.3248, 0.3396



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.



71.4111, 0.3557, 0.3643



77.0673, 0.3654, 0.3714



85.2951, 0.3475, 0.3904



17.2260, 0.3279, 0.3422



19.7871, 0.5233, 0.4227



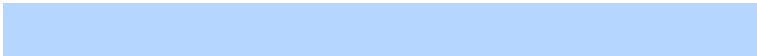
1.8440, 0.5058, 0.4366

Inverse Universe

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



62.0620, 0.2735, 0.2909



64.9529, 0.2656, 0.2825



50.6893, 0.2729, 0.2601



16.3746, 0.2980, 0.3154



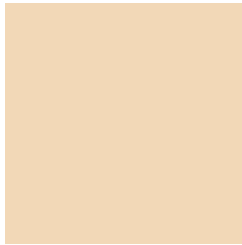
9.3101, 0.1718, 0.1386



0.9695, 0.1789, 0.1640

Previews

White Background



This preview shows how the Yxy color 71.4079, 0.3557, 0.3643 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 71.4079, 0.3557, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

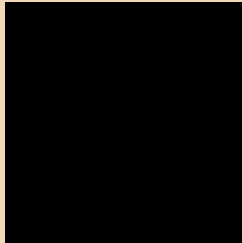
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

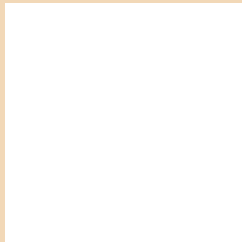
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4079, 0.3557, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 71.4079, 0.3557, 0.3643.



This preview shows how white text looks on a background with the Yxy color 71.4079, 0.3557, 0.3643.

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

71.4079, 0.3557, 0.3643

Protanopia

71.3216, 0.3458, 0.3661

Deuteranopia

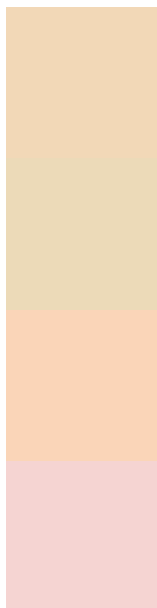
71.1201, 0.3656, 0.3571



Tritanopia

71.3583, 0.3292, 0.3126

Trichromacy



Original Color

71.4079, 0.3557, 0.3643

Protanomaly

71.4364, 0.3498, 0.3658

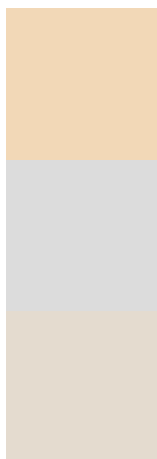
Deuteranomaly

71.3732, 0.3619, 0.3594

Tritanomaly

71.1526, 0.3390, 0.3312

Monochromacy



Original Color

71.4079, 0.3557, 0.3643

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 71.4079, 0.3557, 0.3643 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(242, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 183) }
```

Border

The CSS property to change the border of an element to Yxy 71.4079, 0.3557, 0.3643 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(242, 216, 183) }
```

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

```
.border{ border-color:rgb(242, 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(242, 216, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4079, 0.3557, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 183) }
```

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

```
.background{ background-color: rgb(242,  
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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