

Converting Colors

$Yxy(71.4577, 0.3737, 0.3940)$

Have a look what the booklet for
Yxy(71.4577, 0.3737, 0.3940)
contains.

Yxy(71.4544, 0.3737, 0.3940)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4544, 0.3737, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	F2DA9D
RGB	242, 218, 157
RGB Percent	95%, 85%, 62%
CMY	0.0510, 0.1451, 0.3842
CMYK	0.00, 0.10, 0.35, 0.05
HSL	43°, 77%, 78%
HSV	43°, 35%, 95%
XYZ	67.7729, 71.4544, 42.1291
YIQ	218.2220, 33.8850, -13.8830

Conversions

Conversions Part 2

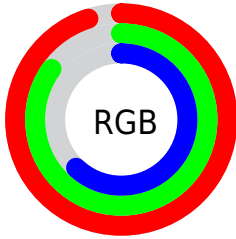
Format	Color
RYB	190, 242, 157
Decimal	15915677
CIELab	87.71, -0.31, 33.06
CIELCh	88, 33.066, 90.542
Yxy	71.4544, 0.3737, 0.3940
Android (android.graphics.Color)	4294105757 (0xFFF2DA9D)
YUV	218.2220, -30.1824, 20.8533
Hunter-Lab	84.5307, -4.8156, 29.6221

Details

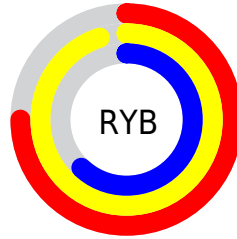
The Yxy color **71.4544, 0.3737, 0.3940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6286, 0.2530, 0.2539**, and the grayscale version is **70.4690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **37.5286, 0.3879, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **67.2419, 0.3934, 0.4122**, and if you desaturate by 10%, it is **75.9831, 0.3548, 0.3751**.

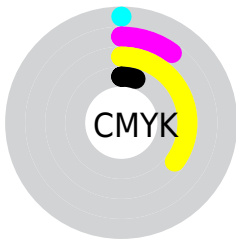
Distribution



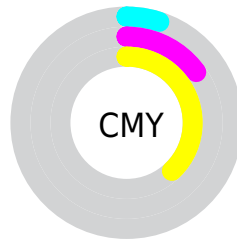
- Red (95%)
- Green (85%)
- Blue (62%)



- Red (75%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4544, 0.3737, 0.3940 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 71.4544, 0.3737, 0.3940 by changing the saturation by 10% instead.


 71.4544, 0.3737,
0.3940


 71.4544, 0.3737,
0.3940


465.6403, 0.3458,
0.3642

 52.7131, 0.3799,
0.4006


 121.2805, 0.3641,
0.3838

 37.5738, 0.3874,
0.4087


 153.1341, 0.3604,
0.3798

 25.6521, 0.3968,
0.4187

190.1273, 0.3571,
0.3763

 16.5635, 0.4085,
0.4312

232.6444, 0.3543,
0.3733

 9.9238, 0.4234,
0.4472

281.0699, 0.3518,
0.3706

 5.3485, 0.4423,
0.4677

335.7881, 0.3495,

 2.4531, 0.4857,

0.3682

0.5143

397.1834, 0.3476,
0.3661

0.8530, 0.4849,
0.5151

0.0000, 0.0000,
0.0000

71.4544, 0.3737,
0.3940

71.4544, 0.3737,
0.3940

67.2419, 0.3934,
0.4122

75.9831, 0.3548,
0.3751

63.3243, 0.4131,
0.4287

80.8288, 0.3370,
0.3563

59.6923, 0.4322,
0.4424

86.0046, 0.3205,
0.3380

56.3321, 0.4496,
0.4522

91.5200, 0.3056,
0.3206

■ 53.2278, 0.4644,
0.4574

■ 95.8115, 0.3048,
0.3262

■ 50.3600, 0.4761,
0.4575

■ 97.6145, 0.3047,
0.3290

■ 49.0302, 0.4810,
0.4563

Harmonies

Analogous

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



71.4544, 0.3917, 0.3702



71.4544, 0.3737, 0.3940



71.4544, 0.3397, 0.4009

Triad

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



71.4544, 0.3737, 0.3940



71.4544, 0.2434, 0.3119



71.4544, 0.3220, 0.2809

Complementary

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



71.4544, 0.3737, 0.3940



46.6286, 0.2530, 0.2539

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.



71.4544, 0.2825, 0.2661



71.4544, 0.3737, 0.3940



71.4544, 0.2393, 0.2813

Square

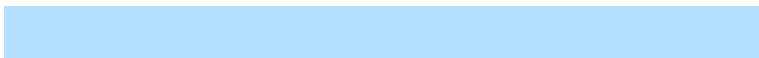
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4544, 0.3737, 0.3940



71.4544, 0.2649, 0.3510



71.4544, 0.2531, 0.2657



71.4544, 0.3611, 0.3067

Rectangle

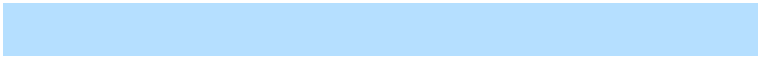
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4544, 0.3737, 0.3940



71.4544, 0.3131, 0.3929



71.4544, 0.2531, 0.2657



71.4544, 0.3083, 0.2745

Sweetspot

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



71.4577, 0.3737, 0.3940



93.3765, 0.3301, 0.3487



46.3375, 0.3725, 0.3027



19.8185, 0.3323, 0.3512



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.



71.4577, 0.3737, 0.3940



77.1250, 0.3874, 0.4069



81.7101, 0.3524, 0.4207



17.6611, 0.3275, 0.3459



26.5865, 0.4798, 0.4573



2.3794, 0.4699, 0.4651

Inverse Universe

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



46.6286, 0.2530, 0.2539



45.3963, 0.2399, 0.2358



39.6969, 0.2624, 0.2271



15.9550, 0.2980, 0.3115



5.8830, 0.1599, 0.0957



0.6521, 0.1670, 0.1211

Previews

White Background



This preview shows how the Yxy color 71.4544, 0.3737, 0.3940 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 71.4544, 0.3737, 0.3940 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 71.4544, 0.3737, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 71.4544, 0.3737, 0.3940.



This preview shows how white text looks on a background with the Yxy color 71.4544, 0.3737, 0.3940.

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

71.4544, 0.3737, 0.3940

Protanopia

71.6595, 0.3684, 0.3959

Deuteranopia

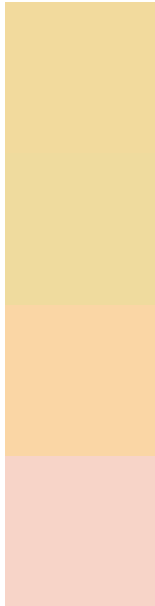
71.2492, 0.3766, 0.3725



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.4544, 0.3737, 0.3940

Protanomaly

71.4824, 0.3703, 0.3945

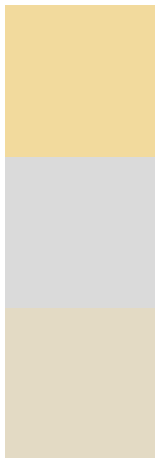
Deuteranomaly

71.1337, 0.3757, 0.3804

Tritanomaly

71.0313, 0.3479, 0.3417

Monochromacy



Original Color

71.4544, 0.3737, 0.3940

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4592, 0.3344, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4544, 0.3737, 0.3940 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, 218, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 157)  
}
```

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, 218, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 157) }
```

Border

The CSS property to change the border of an element to Yxy 71.4544, 0.3737, 0.3940 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, 218, 157) }
```

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

```
.border{ border-color:rgb(242, 218, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 218, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4544, 0.3737, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 157) }
```

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

```
.background{ background-color: rgb(242,  
218, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor