

Converting Colors

$Yxy(71.4831, 0.3537, 0.3452)$

Have a look what the booklet for
Yxy(71.4831, 0.3537, 0.3452)
contains.

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Color

Yxy(71.5817, 0.3540, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	FBD4C4
RGB	251, 212, 196
RGB Percent	98%, 83%, 77%
CMY	0.0156, 0.1687, 0.2313
CMYK	0.00, 0.16, 0.22, 0.02
HSL	17°, 87%, 88%
HSV	17°, 22%, 98%
XYZ	73.3003, 71.5817, 62.1810
YIQ	221.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

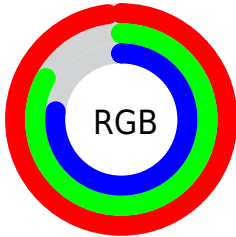
Format	Color
R _Y B	251, 219, 196
Decimal	16504004
CIE Lab	87.77, 11.25, 12.98
CIE LCh	88, 17.174, 49.077
Yxy	71.5817, 0.3540, 0.3457
Android (android.graphics.Color)	4294694084 (0xFFFBD4C4)
YUV	221.8370, -12.7376, 25.5760
Hunter-Lab	84.6060, 6.5871, 15.6491

Details

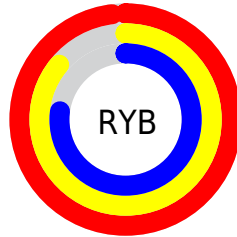
The Yxy color **71.5817, 0.3540, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1477, 0.2788, 0.3117**, and the grayscale version is **73.0067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **37.5363, 0.3646, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **62.1171, 0.3786, 0.3538**, and if you desaturate by 10%, it is **82.2263, 0.3332, 0.3378**.

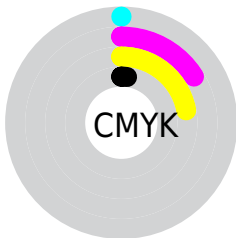
Distribution



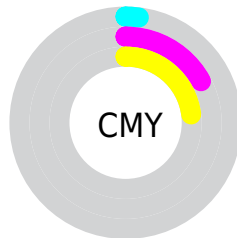
- Red (98%)
- Green (83%)
- Blue (77%)



- Red (98%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5817, 0.3540, 0.3457 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 71.5817, 0.3540, 0.3457 by changing the saturation by 10% instead.

 71.5817, 0.3540,
0.3457

 71.5817, 0.3540,
0.3457


466.0843, 0.3347,
0.3383

 52.8170, 0.3585,
0.3473


121.4616, 0.3473,
0.3432

 37.6567, 0.3640,
0.3493


153.3457, 0.3446,
0.3422

 25.7164, 0.3710,
0.3517


190.3717, 0.3424,
0.3413

 16.6116, 0.3803,
0.3547

232.9240, 0.3405,
0.3406

 9.9580, 0.3930,
0.3586

281.3870, 0.3387,
0.3399

 5.3711, 0.4114,
0.3638

336.1452, 0.3372,

 2.4666, 0.4402,

0.3393

0.3705

397.5828, 0.3359,
0.3388

0.8598, 0.5570,
0.4286

0.0000, 1.0000,
0.0000

71.5817, 0.3540,
0.3457

71.5817, 0.3540,
0.3457

62.1171, 0.3786,
0.3538

82.2263, 0.3332,
0.3378

53.7816, 0.4074,
0.3618

94.0802, 0.3157,
0.3304

46.5345, 0.4404,
0.3689

99.2555, 0.3103,
0.3290

40.3292, 0.4768,
0.3743

■ 35.1153, 0.5148,
0.3766

■ 30.8378, 0.5512,
0.3749

■ 27.4355, 0.5822,
0.3684

■ 25.2714, 0.6016,
0.3605

Harmonies

Analogous

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



71.5817, 0.3471, 0.3282



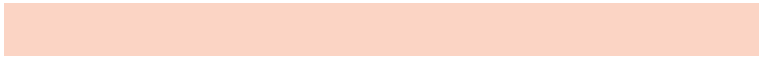
71.5817, 0.3540, 0.3457



71.5817, 0.3494, 0.3597

Triad

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



71.5817, 0.3540, 0.3457



71.5817, 0.2943, 0.3475



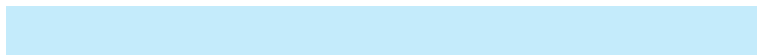
71.5817, 0.2902, 0.2942

Complementary

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



71.5817, 0.3540, 0.3457



78.1477, 0.2788, 0.3117

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.



71.5817, 0.2770, 0.2979



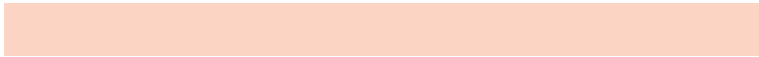
71.5817, 0.3540, 0.3457



71.5817, 0.2794, 0.3284

Square

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



71.5817, 0.3540, 0.3457



71.5817, 0.3146, 0.3615



71.5817, 0.2731, 0.3102



71.5817, 0.3098, 0.2991

Rectangle

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



71.5817, 0.3540, 0.3457



71.5817, 0.3405, 0.3648



71.5817, 0.2731, 0.3102



71.5817, 0.2849, 0.2944

Sweetspot

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



71.5850, 0.3540, 0.3457



91.0875, 0.3242, 0.3341



66.0223, 0.3267, 0.2891



19.3383, 0.3253, 0.3345



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.



71.5850, 0.3540, 0.3457



70.0140, 0.3636, 0.3490



86.2996, 0.3483, 0.3726



18.0466, 0.3287, 0.3360



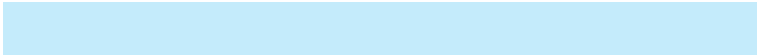
13.4959, 0.5987, 0.3628



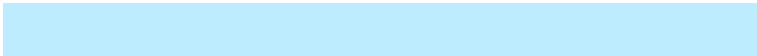
1.4240, 0.5755, 0.3812

Inverse Universe

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



78.1477, 0.2788, 0.3117



77.8410, 0.2726, 0.3080



63.7812, 0.2766, 0.2812



18.7067, 0.2980, 0.3219



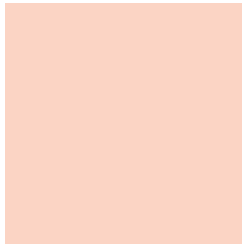
20.6779, 0.1976, 0.2314



2.0976, 0.2012, 0.2444

Previews

White Background



This preview shows how the Yxy color 71.5817, 0.3540, 0.3457 looks on a white background.

Color Contrast Check

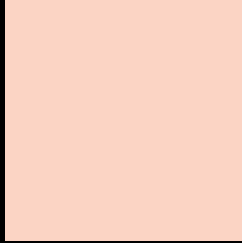
Large Text (above 18pt) WCAG AA × Fail

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 71.5817, 0.3540, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

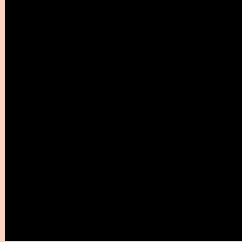
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5817, 0.3540, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 71.5817, 0.3540, 0.3457.



This preview shows how white text looks on a background with the Yxy color 71.5817, 0.3540, 0.3457.

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

71.5817, 0.3540, 0.3457

Protanopia

72.0145, 0.3329, 0.3508

Deuteranopia

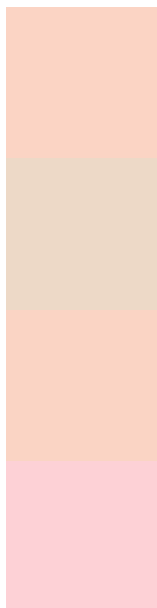
71.3965, 0.3532, 0.3458



Tritanopia

71.5644, 0.3361, 0.3129

Trichromacy



Original Color

71.5817, 0.3540, 0.3457

Protanomaly

71.7538, 0.3400, 0.3483

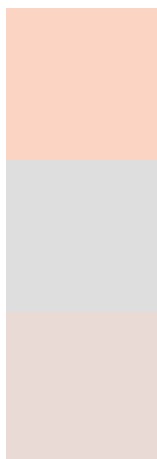
Deuteranomaly

71.3965, 0.3532, 0.3458

Tritanomaly

71.3386, 0.3426, 0.3240

Monochromacy



Original Color

71.5817, 0.3540, 0.3457

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2705, 0.3271, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5817, 0.3540, 0.3457 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(251, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(251, 212, 196)  
}
```

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(251, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 212, 196) }
```

Border

The CSS property to change the border of an element to Yxy 71.5817, 0.3540, 0.3457 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(251, 212, 196) }
```

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

```
.border{ border-color:rgb(251, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(251, 212,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5817, 0.3540, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 212, 196) }
```

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

```
.background{ background-color: rgb(251,  
212, 196) }
```

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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