

Converting Colors

$Yxy(72.0446, 0.3480, 0.3480)$

Have a look what the booklet for
Yxy(72.0446, 0.3480, 0.3480)
contains.

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Color

Yxy(72.0446, 0.3480, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7C5
RGB	245, 215, 197
RGB Percent	96%, 84%, 77%
CMY	0.0391, 0.1569, 0.2274
CMYK	0.00, 0.12, 0.20, 0.04
HSL	22°, 71%, 87%
HSV	22°, 20%, 96%
XYZ	72.0446, 72.0446, 62.9355
YIQ	221.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

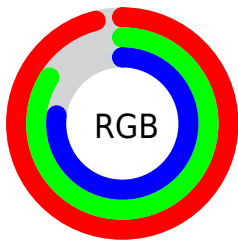
Format	Color
R _Y B	245, 226, 197
Decimal	16111557
CIE Lab	87.99, 7.65, 12.69
CIE LCh	88, 14.822, 58.908
Yxy	72.0446, 0.3480, 0.3480
Android (android.graphics.Color)	4294301637 (0xFFF5D7C5)
YUV	221.9180, -12.2846, 20.2429
Hunter-Lab	84.8791, 2.9708, 15.4535

Details

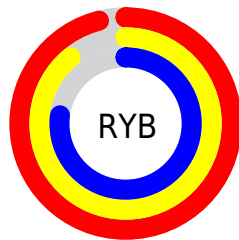
The Yxy color **72.0446, 0.3480, 0.3480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4324, 0.2821, 0.3092**, and the grayscale version is **73.0666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **37.8161, 0.3565, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **63.5705, 0.3706, 0.3583**, and if you desaturate by 10%, it is **81.4391, 0.3286, 0.3380**.

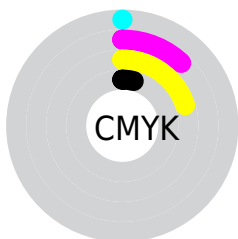
Distribution



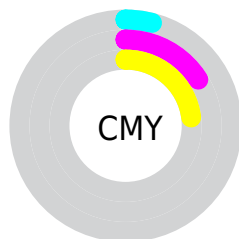
- Red (96%)
- Green (84%)
- Blue (77%)



- Red (96%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0446, 0.3480, 0.3480 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 72.0446, 0.3480, 0.3480 by changing the saturation by 10% instead.


 72.0446, 0.3480,
0.3480

 72.0446, 0.3480,
0.3480


467.6968, 0.3315,
0.3394

 53.1951, 0.3518,
0.3499

122.1199, 0.3423,
0.3451

 37.9585, 0.3565,
0.3522


154.1146, 0.3400,
0.3439

 25.9505, 0.3625,
0.3552

191.2597, 0.3381,
0.3429

 16.7866, 0.3703,
0.3589

233.9398, 0.3365,
0.3420

 10.0825, 0.3810,
0.3638

282.5391, 0.3350,
0.3413

 5.4537, 0.3966,
0.3705

337.4421, 0.3337,

 2.5158, 0.4209,

0.3406

0.3801

399.0332, 0.3326,
0.3400

0.8845, 0.5203,
0.4419

0.0000, 0.0000,
0.0000

72.0446, 0.3480,
0.3480

72.0446, 0.3480,
0.3480

63.5705, 0.3706,
0.3583

81.4391, 0.3286,
0.3380

55.9784, 0.3966,
0.3686

91.7717, 0.3121,
0.3286

49.2410, 0.4260,
0.3782

98.1591, 0.3066,
0.3290

43.3259, 0.4583,
0.3861

■ 38.1987, 0.4921,
0.3911

■ 33.8215, 0.5252,
0.3919

■ 30.1528, 0.5548,
0.3874

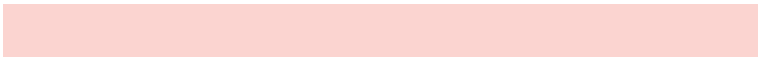
■ 27.1398, 0.5789,
0.3782

■ 27.0316, 0.5798,
0.3779

Harmonies

Analogous

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



72.0446, 0.3453, 0.3335



72.0446, 0.3480, 0.3480



72.0446, 0.3410, 0.3581

Triad

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



72.0446, 0.3480, 0.3480



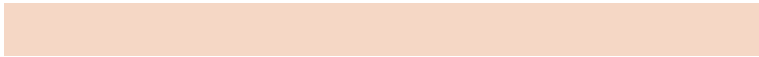
72.0446, 0.2920, 0.3398



72.0446, 0.2985, 0.2994

Complementary

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



72.0446, 0.3480, 0.3480



73.4324, 0.2821, 0.3092

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.



72.0446, 0.2849, 0.3003



72.0446, 0.3480, 0.3480



72.0446, 0.2812, 0.3231

Square

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



72.0446, 0.3480, 0.3480



72.0446, 0.3084, 0.3537



72.0446, 0.2786, 0.3087



72.0446, 0.3163, 0.3060

Rectangle

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



72.0446, 0.3480, 0.3480



72.0446, 0.3319, 0.3606



72.0446, 0.2786, 0.3087



72.0446, 0.2933, 0.2988

Sweetspot

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



72.0478, 0.3480, 0.3480



93.0984, 0.3224, 0.3346



64.9245, 0.3279, 0.2975



19.7710, 0.3235, 0.3352



0.0000, 0.0000, 0.0000



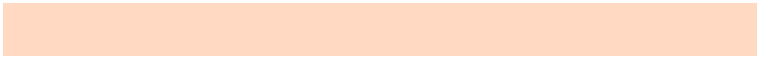
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0478, 0.3480, 0.3480



74.6262, 0.3576, 0.3526



84.9690, 0.3435, 0.3717



17.4992, 0.3284, 0.3379



14.8016, 0.5768, 0.3802



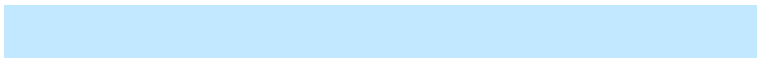
1.4915, 0.5533, 0.3989

Inverse Universe

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



73.4324, 0.2821, 0.3092



76.4227, 0.2751, 0.3042



61.3725, 0.2805, 0.2823



17.6540, 0.2980, 0.3199



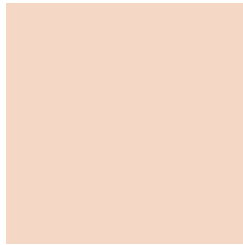
16.1447, 0.1893, 0.2014



1.6159, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 72.0446, 0.3480, 0.3480 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 72.0446, 0.3480, 0.3480 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 72.0446, 0.3480, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 72.0446, 0.3480, 0.3480.



This preview shows how white text looks on a background with the Yxy color 72.0446, 0.3480, 0.3480.

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

72.0446, 0.3480, 0.3480

Protanopia

72.1795, 0.3336, 0.3507

Deuteranopia

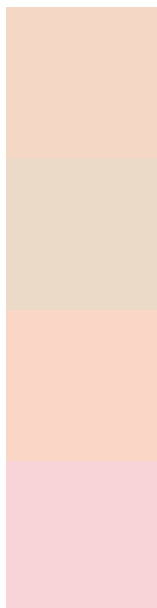
72.1289, 0.3530, 0.3457



Tritanopia

72.2743, 0.3298, 0.3127

Trichromacy



Original Color

72.0446, 0.3480, 0.3480

Protanomaly

71.9285, 0.3384, 0.3495

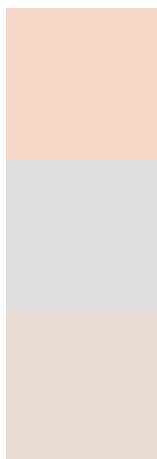
Deuteranomaly

72.2641, 0.3513, 0.3468

Tritanomaly

72.0013, 0.3369, 0.3249

Monochromacy



Original Color

72.0446, 0.3480, 0.3480

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2901, 0.3247, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0446, 0.3480, 0.3480 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(245, 215, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 197)  
}
```

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(245, 215, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 197) }
```

Border

The CSS property to change the border of an element to Yxy 72.0446, 0.3480, 0.3480 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(245, 215, 197) }
```

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

```
.border{ border-color:rgb(245, 215, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 215, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 215, 197); box-shadow:4px 4px 4px 4px rgb(245, 215, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0446, 0.3480, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 197) }
```

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

```
.background{ background-color: rgb(245,  
215, 197) }
```

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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