

Converting Colors

$Y_{xy}(70.5839, 0.3548, 0.3489)$

Have a look what the booklet for
Yxy(70.5839, 0.3548, 0.3489)
contains.

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Color

Yxy(70.3508, 0.3549, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3C0
RGB	248, 211, 192
RGB Percent	97%, 83%, 75%
CMY	0.0272, 0.1726, 0.2470
CMYK	0.00, 0.15, 0.23, 0.03
HSL	20°, 80%, 86%
HSV	20°, 23%, 97%
XYZ	71.5401, 70.3508, 59.6873
YIQ	219.8970, 28.1510, 1.9350

Conversions

Conversions Part 2

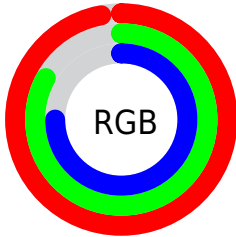
Format	Color
RYB	248, 221, 192
Decimal	16307136
CIELab	87.17, 10.13, 14.19
CIElCh	87, 17.437, 54.489
Yxy	70.3508, 0.3549, 0.3490
Android (android.graphics.Color)	4294497216 (0xFFF8D3C0)
YUV	219.8970, -13.7532, 24.6463
Hunter-Lab	83.8754, 5.4667, 16.5209

Details

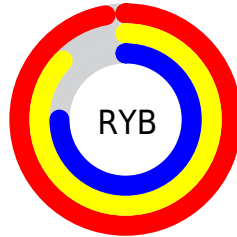
The Yxy color **70.3508, 0.3549, 0.3490** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0903, 0.2776, 0.3081**, and the grayscale version is **71.5846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.7174, 0.3648, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **61.6019, 0.3791, 0.3584**, and if you desaturate by 10%, it is **80.1243, 0.3343, 0.3398**.

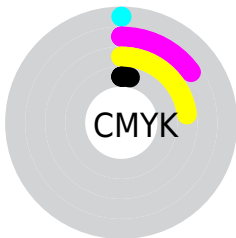
Distribution



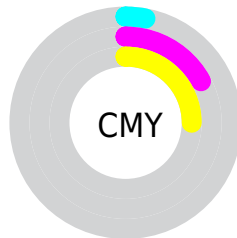
- Red (97%)
- Green (83%)
- Blue (75%)



- Red (97%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3508, 0.3549, 0.3490 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 70.3508, 0.3549, 0.3490 by changing the saturation by 10% instead.

 70.3508, 0.3549,
0.3490

 70.3508, 0.3549,
0.3490

461.7808, 0.3351,
0.3400

 51.8126, 0.3595,
0.3510


 119.7089, 0.3480,
0.3459

 36.8557, 0.3652,
0.3534


151.2975, 0.3453,
0.3447

 25.0958, 0.3724,
0.3564


188.0051, 0.3430,
0.3437

 16.1484, 0.3819,
0.3601

230.2160, 0.3410,
0.3428

 9.6293, 0.3950,
0.3650

278.3146, 0.3393,
0.3420

 5.1538, 0.4140,
0.3716

332.6854, 0.3377,

 2.3378, 0.4438,

0.3412

0.3803

393.7126, 0.3363,
0.3406

0.7936, 0.5604,
0.4396

0.0000, 0.0000,
0.0000

70.3508, 0.3549,
0.3490

70.3508, 0.3549,
0.3490

61.6019, 0.3791,
0.3584

80.1243, 0.3343,
0.3398

53.8340, 0.4070,
0.3676

90.9454, 0.3168,
0.3312

47.0140, 0.4386,
0.3759

98.7094, 0.3084,
0.3290

41.1035, 0.4731,
0.3822

■ 36.0608, 0.5088,
0.3853

■ 31.8406, 0.5428,
0.3839

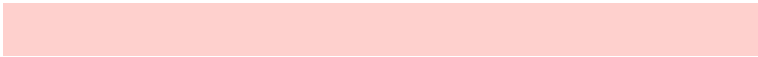
■ 28.3926, 0.5721,
0.3774

■ 26.2966, 0.5896,
0.3700

Harmonies

Analogous

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



70.3508, 0.3499, 0.3314



70.3508, 0.3549, 0.3490



70.3508, 0.3481, 0.3621

Triad

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



70.3508, 0.3549, 0.3490



70.3508, 0.2907, 0.3446



70.3508, 0.2930, 0.2937

Complementary

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



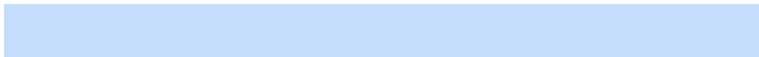
70.3508, 0.3549, 0.3490



74.0903, 0.2776, 0.3081

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.



70.3508, 0.2781, 0.2959



70.3508, 0.3549, 0.3490



70.3508, 0.2768, 0.3247

Square

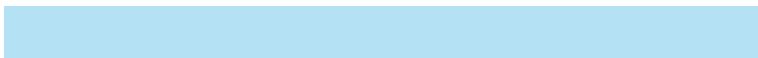
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3508, 0.3549, 0.3490



70.3508, 0.3107, 0.3603



70.3508, 0.2723, 0.3070



70.3508, 0.3136, 0.3003

Rectangle

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



70.3508, 0.3549, 0.3490



70.3508, 0.3380, 0.3663



70.3508, 0.2723, 0.3070



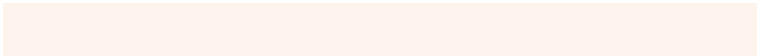
70.3508, 0.2872, 0.2934

Sweetspot

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



70.3540, 0.3549, 0.3490



91.5970, 0.3242, 0.3349



63.3555, 0.3293, 0.2906



19.4561, 0.3252, 0.3354



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.



70.3540, 0.3549, 0.3490



70.6284, 0.3652, 0.3532



85.3503, 0.3488, 0.3767



18.1847, 0.3286, 0.3371



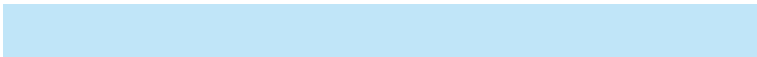
14.4282, 0.5867, 0.3723



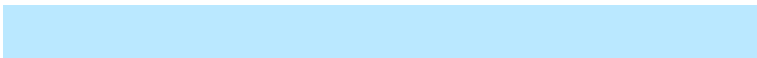
1.5239, 0.5637, 0.3906

Inverse Universe

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



74.0903, 0.2776, 0.3081



75.2283, 0.2707, 0.3034



59.9321, 0.2751, 0.2763



18.5617, 0.2980, 0.3208



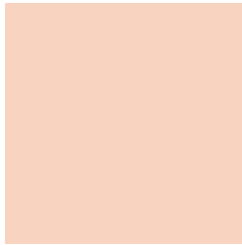
18.2954, 0.1929, 0.2142



1.8905, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 70.3508, 0.3549, 0.3490 looks on a white background.

Color Contrast Check

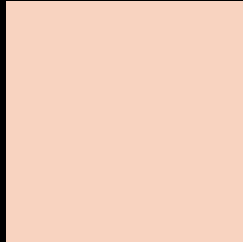
Large Text (above 18pt) WCAG AA × Fail

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 70.3508, 0.3549, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

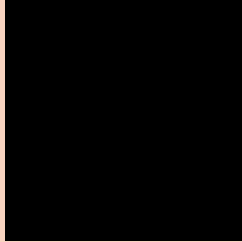
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3508, 0.3549, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 70.3508, 0.3549, 0.3490.

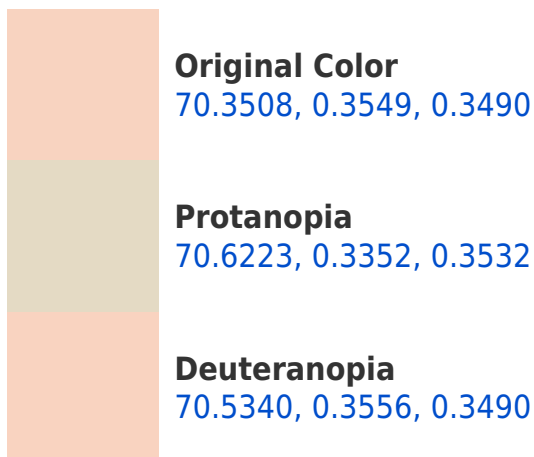


This preview shows how white text looks on a background with the Yxy color 70.3508, 0.3549, 0.3490.

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





Tritanopia

70.1658, 0.3356, 0.3117

Trichromacy



Original Color

70.3508, 0.3549, 0.3490

Protanomaly

70.2032, 0.3417, 0.3507

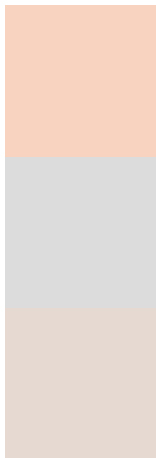
Deuteranomaly

70.5340, 0.3556, 0.3490

Tritanomaly

70.3744, 0.3427, 0.3250

Monochromacy



Original Color

70.3508, 0.3549, 0.3490

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1018, 0.3270, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3508, 0.3549, 0.3490 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(248, 211, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 192)  
}
```

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(248, 211, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.3508, 0.3549, 0.3490 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(248, 211, 192) }
```

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

```
.border{ border-color:rgb(248, 211, 192) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3508, 0.3549, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 192) }
```

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

```
.background{ background-color: rgb(248,  
211, 192) }
```

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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