

Converting Colors

$Y_{xy}(70.1258, 0.3515, 0.3503)$

Have a look what the booklet for
Yxy(70.1258, 0.3515, 0.3503)
contains.

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Color

Yxy(70.1258, 0.3515, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	F4D4C0
RGB	244, 212, 192
RGB Percent	96%, 83%, 75%
CMY	0.0431, 0.1686, 0.2471
CMYK	0.00, 0.13, 0.21, 0.04
HSL	23°, 70%, 85%
HSV	23°, 21%, 96%
XYZ	70.3660, 70.1258, 59.6960
YIQ	219.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

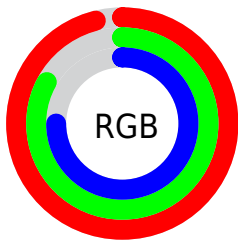
Format	Color
RYB	244, 225, 192
Decimal	16045248
CIELab	87.06, 8.10, 14.00
CIELCh	87, 16.172, 59.937
Yxy	70.1258, 0.3515, 0.3503
Android (android.graphics.Color)	4294235328 (0xFFFF4D4C0)
YUV	219.2880, -13.4530, 21.6724
Hunter-Lab	83.7411, 3.4430, 16.3531

Details

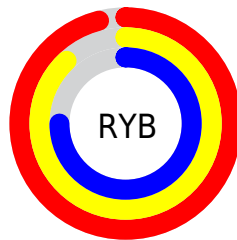
The Yxy color **70.1258, 0.3515, 0.3503** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0473, 0.2794, 0.3067**, and the grayscale version is **71.1325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.5428, 0.3603, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **61.9748, 0.3745, 0.3609**, and if you desaturate by 10%, it is **79.1604, 0.3317, 0.3400**.

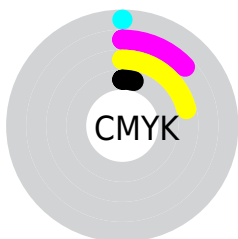
Distribution



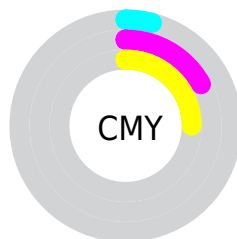
- Red (96%)
- Green (83%)
- Blue (75%)



- Red (96%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1258, 0.3515, 0.3503 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 70.1258, 0.3515, 0.3503 by changing the saturation by 10% instead.


 70.1258, 0.3515,
0.3503

 70.1258, 0.3515,
0.3503

460.9916, 0.3333,
0.3406

 51.6291, 0.3557,
0.3525


 119.3881, 0.3451,
0.3470

 36.7095, 0.3609,
0.3551


150.9226, 0.3427,
0.3457

 24.9827, 0.3676,
0.3584


187.5717, 0.3406,
0.3446

 16.0641, 0.3763,
0.3626

229.7199, 0.3387,
0.3436

 9.5696, 0.3884,
0.3681

277.7516, 0.3371,
0.3427

 5.1145, 0.4058,
0.3756

332.0512, 0.3357,

 2.3146, 0.4333,

0.3419

0.3862

393.0031, 0.3344,
0.3413

0.7814, 0.5472,
0.4528

0.0000, 0.0000,
0.0000

70.1258, 0.3515,
0.3503

70.1258, 0.3515,
0.3503

61.9748, 0.3745,
0.3609

79.1604, 0.3317,
0.3400

54.6701, 0.4009,
0.3714

89.0955, 0.3147,
0.3302

48.1856, 0.4305,
0.3811

97.9731, 0.3060,
0.3290

42.4900, 0.4627,
0.3888

■ 37.5499, 0.4961,
0.3934

■ 33.3286, 0.5283,
0.3935

■ 29.7857, 0.5567,
0.3883

■ 27.2154, 0.5769,
0.3802

Harmonies

Analogous

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



70.1258, 0.3489, 0.3344



70.1258, 0.3515, 0.3503



70.1258, 0.3434, 0.3612

Triad

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



70.1258, 0.3515, 0.3503



70.1258, 0.2894, 0.3403



70.1258, 0.2976, 0.2967

Complementary

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



70.1258, 0.3515, 0.3503



71.0473, 0.2794, 0.3067

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.



70.1258, 0.2825, 0.2972



70.1258, 0.3515, 0.3503



70.1258, 0.2778, 0.3218

Square

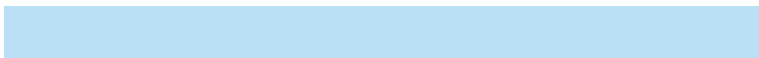
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1258, 0.3515, 0.3503



70.1258, 0.3073, 0.3559



70.1258, 0.2754, 0.3062



70.1258, 0.3173, 0.3042

Rectangle

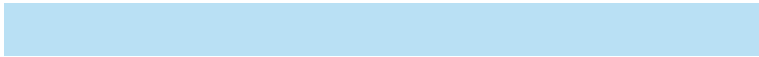
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1258, 0.3515, 0.3503



70.1258, 0.3331, 0.3639



70.1258, 0.2754, 0.3062



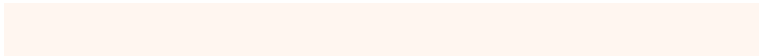
70.1258, 0.2919, 0.2959

Sweetspot

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



70.1290, 0.3515, 0.3503



93.1935, 0.3224, 0.3347



62.3185, 0.3302, 0.2955



19.7934, 0.3235, 0.3354



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

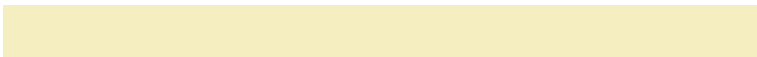
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1290, 0.3515, 0.3503



73.1188, 0.3620, 0.3553



84.1495, 0.3461, 0.3764



17.5277, 0.3284, 0.3382



15.0429, 0.5740, 0.3824



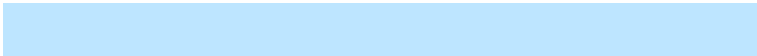
1.5147, 0.5507, 0.4009

Inverse Universe

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



71.0473, 0.2794, 0.3067



74.3126, 0.2719, 0.3011



58.1576, 0.2773, 0.2767



17.6246, 0.2980, 0.3197



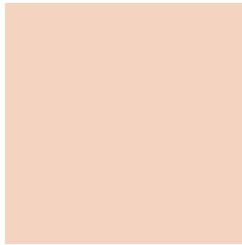
15.7074, 0.1883, 0.1977



1.5791, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 70.1258, 0.3515, 0.3503 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 70.1258, 0.3515, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

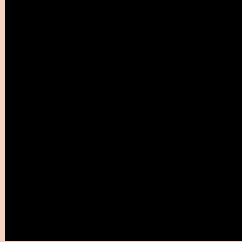
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

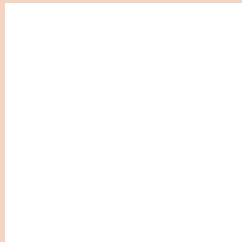
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1258, 0.3515, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 70.1258, 0.3515, 0.3503.

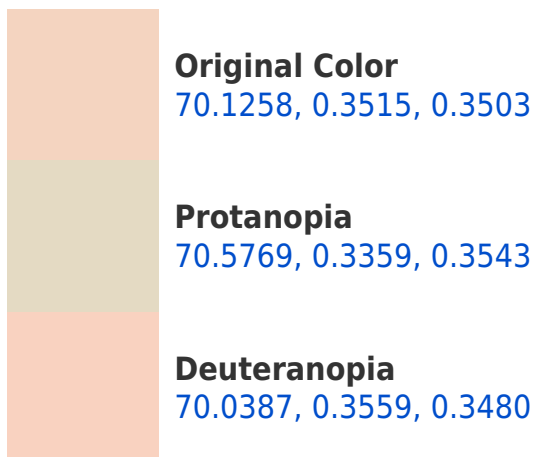


This preview shows how white text looks on a background with the Yxy color 70.1258, 0.3515, 0.3503.

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

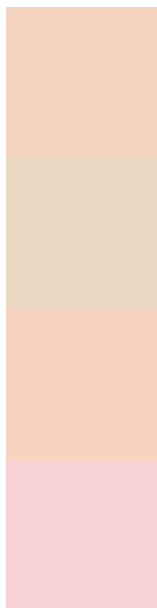




Tritanopia

69.9639, 0.3317, 0.3116

Trichromacy



Original Color

70.1258, 0.3515, 0.3503

Protanomaly

70.4992, 0.3415, 0.3529

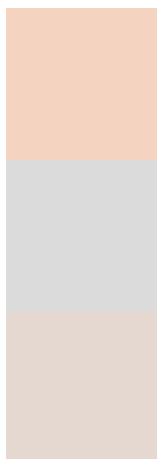
Deuteranomaly

70.1685, 0.3541, 0.3491

Tritanomaly

70.1286, 0.3395, 0.3260

Monochromacy



Original Color

70.1258, 0.3515, 0.3503

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2092, 0.3263, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1258, 0.3515, 0.3503 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(244, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 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(244, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.1258, 0.3515, 0.3503 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(244, 212, 192) }
```

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

```
.border{ border-color:rgb(244, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1258, 0.3515, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 192) }
```

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

```
.background{ background-color: rgb(244,  
212, 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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