

Converting Colors

$Yxy(70.3939, 0.3482, 0.3529)$

Have a look what the booklet for
Yxy(70.3939, 0.3482, 0.3529)
contains.

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Color

Yxy(70.4242, 0.3480, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	F0D6C0
RGB	240, 214, 192
RGB Percent	94%, 84%, 75%
CMY	0.0587, 0.1608, 0.2471
CMYK	0.00, 0.11, 0.20, 0.06
HSL	27°, 62%, 85%
HSV	27°, 20%, 94%
XYZ	69.5054, 70.4242, 59.7987
YIQ	219.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

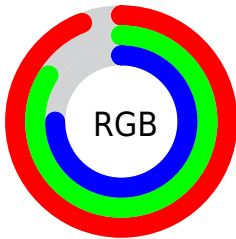
Format	Color
R _Y B	240, 233, 192
Decimal	15783616
CIE Lab	87.20, 5.62, 14.15
CIE LCh	87, 15.229, 68.342
Yxy	70.4242, 0.3480, 0.3526
Android (android.graphics.Color)	4293973696 (0xFFFF0D6C0)
YUV	219.2660, -13.4421, 18.1837
Hunter-Lab	83.9191, 0.9829, 16.4948

Details

The Yxy color **70.4242, 0.3480, 0.3526** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6664, 0.2812, 0.3042**, and the grayscale version is **71.1205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.8507, 0.3566, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **63.1224, 0.3696, 0.3651**, and if you desaturate by 10%, it is **78.4322, 0.3291, 0.3405**.

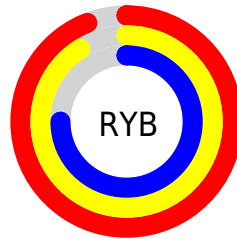
Distribution



Red (94%)

Green (84%)

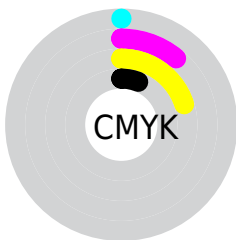
Blue (75%)



Red (94%)

Yellow (91%)

Blue (75%)

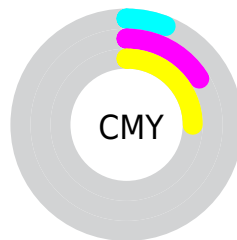


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4242, 0.3480, 0.3526 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 70.4242, 0.3480, 0.3526 by changing the saturation by 10% instead.

 70.4242, 0.3480,
0.3526

 70.4242, 0.3480,
0.3526


462.0380, 0.3315,
0.3418

 51.8724, 0.3518,
0.3550


 119.8135, 0.3422,
0.3489

 36.9034, 0.3565,
0.3580


151.4198, 0.3400,
0.3474

 25.1327, 0.3625,
0.3618


188.1464, 0.3381,
0.3462

 16.1760, 0.3705,
0.3666

230.3778, 0.3364,
0.3451

 9.6488, 0.3813,
0.3730

278.4982, 0.3350,
0.3441

 5.1667, 0.3970,
0.3820

332.8921, 0.3337,

 2.3454, 0.4215,

0.3432

0.3950

393.9440, 0.3325,
0.3425

0.7976, 0.5292,
0.4708

0.0000, 0.0000,
0.0000

70.4242, 0.3480,
0.3526

70.4242, 0.3480,
0.3526

63.1224, 0.3696,
0.3651

78.4322, 0.3291,
0.3405

56.4966, 0.3940,
0.3776

87.1566, 0.3127,
0.3290

50.5283, 0.4210,
0.3892

96.0252, 0.3036,
0.3271

45.1943, 0.4500,
0.3990

97.2718, 0.3036,
0.3290

■ 40.4697, 0.4798,
0.4058

■ 36.3273, 0.5086,
0.4081

■ 32.7371, 0.5343,
0.4050

■ 29.6610, 0.5556,
0.3970

Harmonies

Analogous

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



70.4242, 0.3484, 0.3386



70.4242, 0.3480, 0.3526



70.4242, 0.3379, 0.3608

Triad

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



70.4242, 0.3480, 0.3526



70.4242, 0.2869, 0.3348



70.4242, 0.3035, 0.2998

Complementary

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



70.4242, 0.3480, 0.3526



67.6664, 0.2812, 0.3042

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.



70.4242, 0.2876, 0.2981



70.4242, 0.3480, 0.3526



70.4242, 0.2783, 0.3177

Square

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



70.4242, 0.3480, 0.3526



70.4242, 0.3025, 0.3507



70.4242, 0.2785, 0.3044



70.4242, 0.3223, 0.3087

Rectangle

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



70.4242, 0.3480, 0.3526



70.4242, 0.3272, 0.3616



70.4242, 0.2785, 0.3044



70.4242, 0.2977, 0.2984

Sweetspot

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



70.4274, 0.3480, 0.3526



93.8745, 0.3223, 0.3358



61.3156, 0.3314, 0.3010



19.9542, 0.3234, 0.3366



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.



70.4274, 0.3480, 0.3526



77.2924, 0.3564, 0.3577



83.2748, 0.3434, 0.3766



16.9511, 0.3282, 0.3398



16.4904, 0.5530, 0.3991



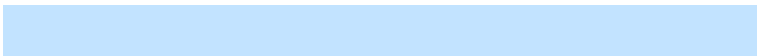
1.5685, 0.5309, 0.4166

Inverse Universe

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



67.6664, 0.2812, 0.3042



73.5908, 0.2746, 0.2985



56.2632, 0.2795, 0.2765



16.6488, 0.2980, 0.3179



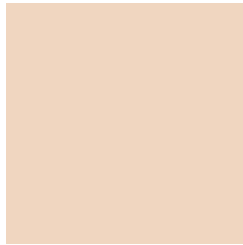
12.4710, 0.1812, 0.1722



1.2363, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 70.4242, 0.3480, 0.3526 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 70.4242, 0.3480, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

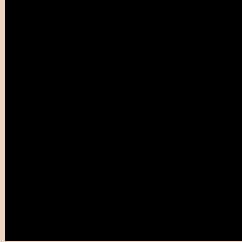
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4242, 0.3480, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 70.4242, 0.3480, 0.3526.



This preview shows how white text looks on a background with the Yxy color 70.4242, 0.3480, 0.3526.

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

70.4242, 0.3480, 0.3526

Protanopia

70.5318, 0.3366, 0.3554

Deuteranopia

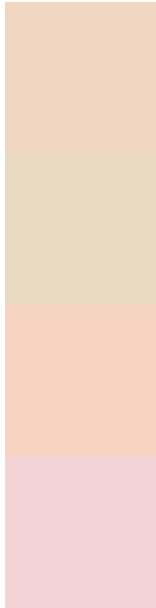
70.5785, 0.3549, 0.3479



Tritanopia

70.2703, 0.3277, 0.3125

Trichromacy



Original Color

70.4242, 0.3480, 0.3526

Protanomaly

70.6318, 0.3405, 0.3552

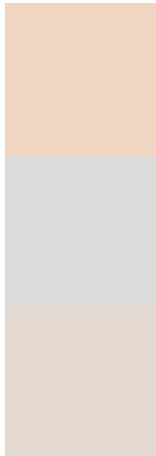
Deuteranomaly

70.5301, 0.3523, 0.3491

Tritanomaly

70.4473, 0.3354, 0.3270

Monochromacy



Original Color

70.4242, 0.3480, 0.3526

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5601, 0.3255, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4242, 0.3480, 0.3526 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(240, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 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(240, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.4242, 0.3480, 0.3526 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(240, 214, 192) }
```

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

```
.border{ border-color:rgb(240, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4242, 0.3480, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 192) }
```

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

```
.background{ background-color: rgb(240,  
214, 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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