

Converting Colors

$Yxy(70.0807, 0.3487, 0.3497)$

Have a look what the booklet for
Yxy(70.0807, 0.3487, 0.3497)
contains.

Yxy(70.3160, 0.3490, 0.3504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.3160, 0.3490, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5C1
RGB	242, 213, 193
RGB Percent	95%, 84%, 76%
CMY	0.0510, 0.1647, 0.2432
CMYK	0.00, 0.12, 0.20, 0.05
HSL	25°, 65%, 85%
HSV	25°, 20%, 95%
XYZ	70.0351, 70.3160, 60.3225
YIQ	219.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

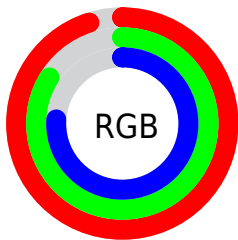
Format	Color
R_{YB}	242, 227, 193
Decimal	15914433
CIE _{Lab}	87.15, 6.99, 13.59
CIE _{LCh}	87, 15.279, 62.775
Yxy	70.3160, 0.3490, 0.3504
Android (android.graphics.Color)	4294104513 (0xFFFF2D5C1)
YUV	219.3910, -13.0108, 19.8281
Hunter-Lab	83.8546, 2.3369, 16.0468

Details

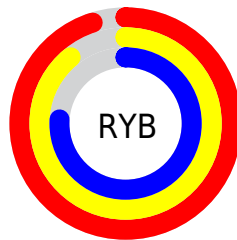
The Yxy color **70.3160, 0.3490, 0.3504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9726, 0.2810, 0.3066**, and the grayscale version is **71.2047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **36.6321, 0.3579, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **62.4406, 0.3713, 0.3616**, and if you desaturate by 10%, it is **79.0099, 0.3297, 0.3395**.

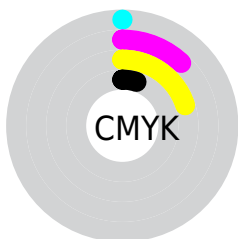
Distribution



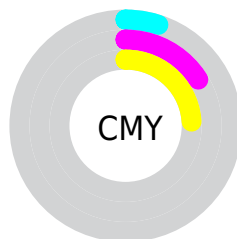
- Red (95%)
- Green (84%)
- Blue (76%)



- Red (95%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3160, 0.3490, 0.3504 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 70.3160, 0.3490, 0.3504 by changing the saturation by 10% instead.


 70.3160, 0.3490,
0.3504

 70.3160, 0.3490,
0.3504


461.6588, 0.3320,
0.3407

 51.7842, 0.3529,
0.3526


 119.6593, 0.3431,
0.3471

 36.8331, 0.3578,
0.3553


151.2395, 0.3408,
0.3457

 25.0783, 0.3640,
0.3586


187.9381, 0.3388,
0.3446

 16.1354, 0.3722,
0.3629

230.1393, 0.3371,
0.3436

 9.6200, 0.3834,
0.3686

278.2276, 0.3356,
0.3427

 5.1477, 0.3997,
0.3765

332.5873, 0.3342,

 2.3342, 0.4253,

0.3420

0.3877

393.6029, 0.3331,
0.3413

0.7917, 0.5390,
0.4610

0.0000, 0.0000,
0.0000

70.3160, 0.3490,
0.3504

70.3160, 0.3490,
0.3504

62.4406, 0.3713,
0.3616

79.0099, 0.3297,
0.3395

55.3493, 0.3968,
0.3728

88.5365, 0.3131,
0.3293

49.0188, 0.4254,
0.3832

97.6166, 0.3047,
0.3290

43.4213, 0.4564,
0.3918

■ 38.5267, 0.4886,
0.3973

■ 34.3023, 0.5198,
0.3984

■ 30.7120, 0.5477,
0.3943

■ 27.7767, 0.5701,
0.3856

Harmonies

Analogous

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



70.3160, 0.3475, 0.3357



70.3160, 0.3490, 0.3504



70.3160, 0.3405, 0.3600

Triad

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



70.3160, 0.3490, 0.3504



70.3160, 0.2893, 0.3380



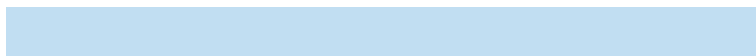
70.3160, 0.3001, 0.2988

Complementary

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



70.3160, 0.3490, 0.3504



69.9726, 0.2810, 0.3066

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.



70.3160, 0.2852, 0.2986



70.3160, 0.3490, 0.3504



70.3160, 0.2791, 0.3207

Square

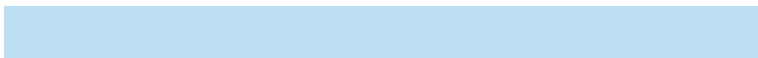
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3160, 0.3490, 0.3504



70.3160, 0.3058, 0.3532



70.3160, 0.2777, 0.3063



70.3160, 0.3189, 0.3065

Rectangle

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



70.3160, 0.3490, 0.3504



70.3160, 0.3304, 0.3619



70.3160, 0.2777, 0.3063



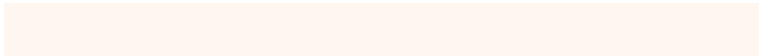
70.3160, 0.2945, 0.2978

Sweetspot

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



70.3192, 0.3490, 0.3504



93.4154, 0.3224, 0.3351



62.3040, 0.3298, 0.2981



19.8458, 0.3235, 0.3358



0.0000, 0.0000, 0.0000



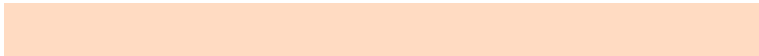
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3192, 0.3490, 0.3504



75.7076, 0.3571, 0.3547



83.3494, 0.3442, 0.3748



16.8194, 0.3283, 0.3387



15.1753, 0.5671, 0.3879



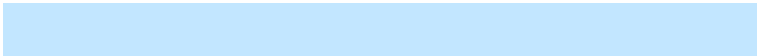
1.4533, 0.5434, 0.4068

Inverse Universe

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



69.9726, 0.2810, 0.3066



75.2535, 0.2749, 0.3018



58.0813, 0.2792, 0.2787



16.7829, 0.2980, 0.3191



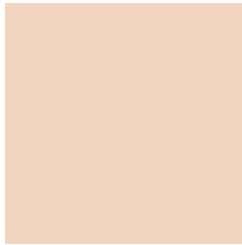
14.2927, 0.1859, 0.1894



1.3841, 0.1916, 0.2096

Previews

White Background



This preview shows how the Yxy color 70.3160, 0.3490, 0.3504 looks on a white background.

Color Contrast Check

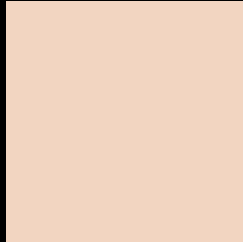
Large Text (above 18pt) WCAG AA × Fail

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 70.3160, 0.3490, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

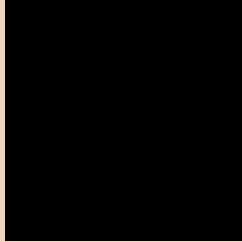
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3160, 0.3490, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 70.3160, 0.3490, 0.3504.



This preview shows how white text looks on a background with the Yxy color 70.3160, 0.3490, 0.3504.

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

70.3160, 0.3490, 0.3504

Protanopia

70.5769, 0.3359, 0.3543

Deuteranopia

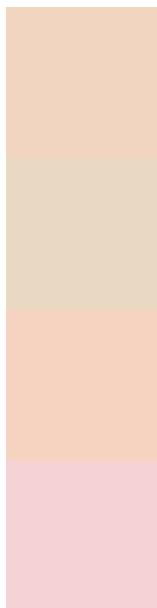
70.0832, 0.3551, 0.3469



Tritanopia

70.1408, 0.3293, 0.3115

Trichromacy



Original Color

70.3160, 0.3490, 0.3504

Protanomaly

70.3304, 0.3407, 0.3530

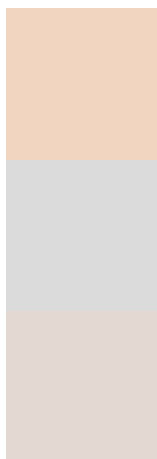
Deuteranomaly

70.0316, 0.3525, 0.3481

Tritanomaly

70.3098, 0.3371, 0.3259

Monochromacy



Original Color

70.3160, 0.3490, 0.3504

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6097, 0.3248, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3160, 0.3490, 0.3504 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(242, 213, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 193)  
}
```

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(242, 213, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 193) }
```

Border

The CSS property to change the border of an element to Yxy 70.3160, 0.3490, 0.3504 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(242, 213, 193) }
```

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

```
.border{ border-color:rgb(242, 213, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3160, 0.3490, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 193) }
```

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

```
.background{ background-color: rgb(242,  
213, 193) }
```

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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