

Converting Colors

$Yxy(74.8889, 0.3746, 0.3467)$

Have a look what the booklet for
Yxy(74.8889, 0.3746, 0.3467)
contains.

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Color

Yxy(71.1590, 0.3606, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C0
RGB	255, 210, 192
RGB Percent	100%, 82%, 75%
CMY	0.0000, 0.1764, 0.2472
CMYK	0.00, 0.18, 0.25, 0.00
HSL	17°, 100%, 88%
HSV	17°, 25%, 100%
XYZ	73.7991, 71.1590, 59.6982
YIQ	221.4030, 32.5980, 3.9420

Conversions

Conversions Part 2

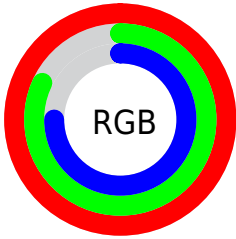
Format	Color
R _Y B	255, 217, 192
Decimal	16765632
CIE Lab	87.56, 13.17, 14.86
CIE LCh	88, 19.858, 48.455
Yxy	71.1590, 0.3606, 0.3477
Android (android.graphics.Color)	4294955712 (0xFFFFD2C0)
YUV	221.4030, -14.4957, 29.4646
Hunter-Lab	84.3558, 8.5389, 17.0898

Details

The Yxy color **71.1590, 0.3606, 0.3477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9713, 0.2745, 0.3095**, and the grayscale version is **72.6915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **37.1771, 0.3714, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **61.6442, 0.3865, 0.3557**, and if you desaturate by 10%, it is **81.8977, 0.3387, 0.3398**.

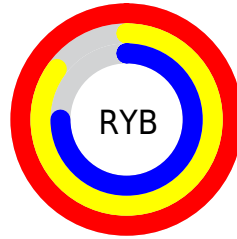
Distribution



Red (100%)

Green (82%)

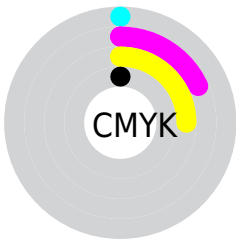
Blue (75%)



Red (100%)

Yellow (85%)

Blue (75%)

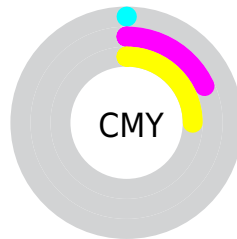


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1590, 0.3606, 0.3477 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 71.1590, 0.3606, 0.3477 by changing the saturation by 10% instead.


 71.1590, 0.3606,
0.3477

 71.1590, 0.3606,
0.3477

464.6091, 0.3382,
0.3395

 52.4720, 0.3658,
0.3495


 120.8601, 0.3528,
0.3449

 37.3814, 0.3722,
0.3516

152.6429, 0.3497,
0.3438

 25.5029, 0.3804,
0.3542


189.5598, 0.3471,
0.3429

 16.4522, 0.3912,
0.3575

231.9952, 0.3449,
0.3420

 9.8447, 0.4059,
0.3616

280.3334, 0.3429,
0.3413

 5.2961, 0.4272,
0.3667

334.9589, 0.3411,

 2.4220, 0.4604,

0.3406

0.3730

396.2559, 0.3396,
0.3400

0.8372, 0.5784,
0.4216

0.0000, 1.0000,
0.0000

71.1590, 0.3606,
0.3477

71.1590, 0.3606,
0.3477

61.6442, 0.3865,
0.3557

81.8977, 0.3387,
0.3398

53.3007, 0.4166,
0.3634

93.8936, 0.3203,
0.3323

46.0842, 0.4509,
0.3701

100.0000, 0.3127,
0.3290

39.9445, 0.4882,
0.3746

■ 34.8272, 0.5263,
0.3758

■ 30.6726, 0.5618,
0.3726

■ 27.4135, 0.5906,
0.3648

■ 26.0207, 0.6028,
0.3596

Harmonies

Analogous

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



71.1590, 0.3523, 0.3275



71.1590, 0.3606, 0.3477



71.1590, 0.3554, 0.3641

Triad

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



71.1590, 0.3606, 0.3477



71.1590, 0.2918, 0.3510



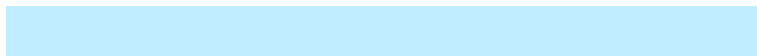
71.1590, 0.2863, 0.2888

Complementary

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



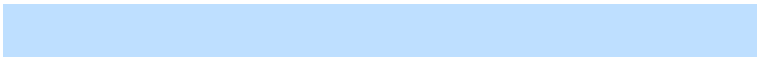
71.1590, 0.3606, 0.3477



78.9713, 0.2745, 0.3095

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.



71.1590, 0.2713, 0.2932



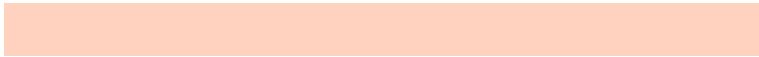
71.1590, 0.3606, 0.3477



71.1590, 0.2744, 0.3286

Square

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



71.1590, 0.3606, 0.3477



71.1590, 0.3152, 0.3671



71.1590, 0.2671, 0.3074



71.1590, 0.3087, 0.2944

Rectangle

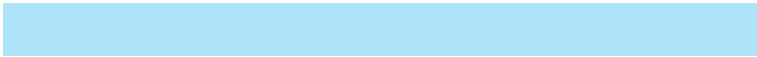
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1590, 0.3606, 0.3477



71.1590, 0.3452, 0.3704



71.1590, 0.2671, 0.3074



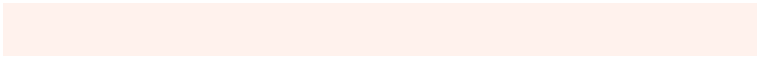
71.1590, 0.2803, 0.2892

Sweetspot

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



71.1618, 0.3606, 0.3477



91.0410, 0.3242, 0.3340



65.0704, 0.3288, 0.2838



19.3275, 0.3253, 0.3345



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.



71.1618, 0.3606, 0.3477



65.9840, 0.3737, 0.3519



88.1792, 0.3532, 0.3784



18.8335, 0.3287, 0.3359



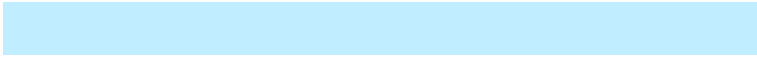
13.8151, 0.5999, 0.3619



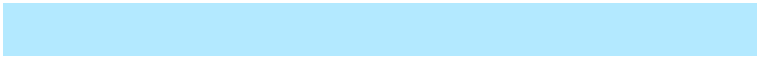
1.5221, 0.5778, 0.3794

Inverse Universe

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



78.9713, 0.2745, 0.3095



75.0843, 0.2666, 0.3047



62.3873, 0.2714, 0.2742



19.5514, 0.2980, 0.3220



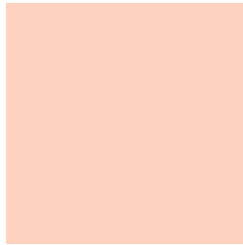
21.5291, 0.1980, 0.2328



2.2831, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 71.1590, 0.3606, 0.3477 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 71.1590, 0.3606, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

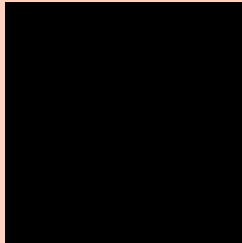
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1590, 0.3606, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 71.1590, 0.3606, 0.3477.

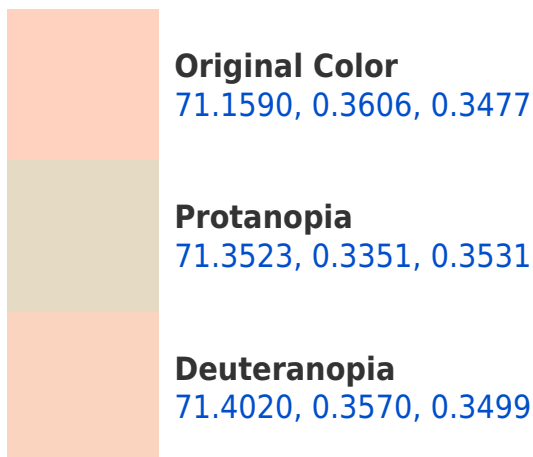


This preview shows how white text looks on a background with the Yxy color 71.1590, 0.3606, 0.3477.

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

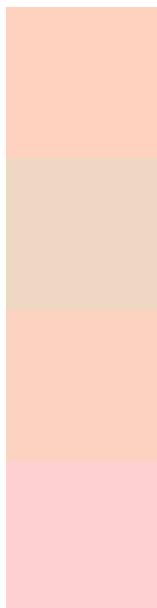




Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.1590, 0.3606, 0.3477

Protanomaly

71.2290, 0.3439, 0.3516

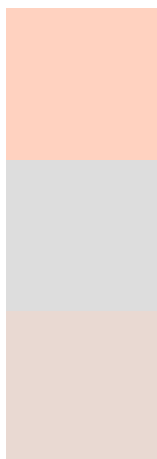
Deuteranomaly

71.0897, 0.3580, 0.3488

Tritanomaly

71.0249, 0.3473, 0.3271

Monochromacy



Original Color

71.1590, 0.3606, 0.3477

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.6025, 0.3293, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1590, 0.3606, 0.3477 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(255, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 71.1590, 0.3606, 0.3477 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(255, 210, 192) }
```

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

```
.border{ border-color:rgb(255, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1590, 0.3606, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 192) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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