

Converting Colors

$Y_{xy}(73.3071, 0.3600, 0.3528)$

Have a look what the booklet for
Yxy(73.3071, 0.3600, 0.3528)
contains.

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Color

Yxy(73.1147, 0.3604, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6BF
RGB	255, 214, 191
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1609, 0.2509
CMYK	0.00, 0.16, 0.25, 0.00
HSL	22°, 100%, 87%
HSV	22°, 25%, 100%
XYZ	74.7109, 73.1147, 59.4744
YIQ	223.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

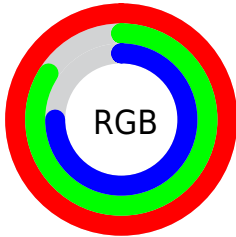
Format	Color
R _Y B	255, 227, 191
Decimal	16766655
CIE Lab	88.50, 11.00, 16.69
CIE LCh	89, 19.989, 56.604
Yxy	73.1147, 0.3604, 0.3527
Android (android.graphics.Color)	4294956735 (0xFFFFD6BF)
YUV	223.6370, -16.0900, 27.5054
Hunter-Lab	85.5071, 6.3249, 18.6159

Details

The Yxy color **73.1147, 0.3604, 0.3527** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0338, 0.2735, 0.3040**, and the grayscale version is **74.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.6370, 0.3719, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **64.2147, 0.3851, 0.3627**, and if you desaturate by 10%, it is **83.0209, 0.3390, 0.3429**.

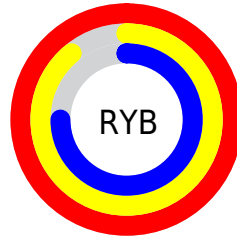
Distribution



Red (100%)

Green (84%)

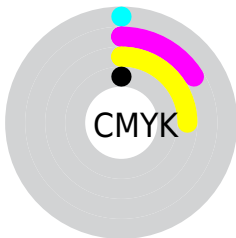
Blue (75%)



Red (100%)

Yellow (89%)

Blue (75%)

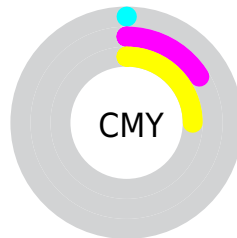


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1147, 0.3604, 0.3527 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 73.1147, 0.3604, 0.3527 by changing the saturation by 10% instead.

 73.1147, 0.3604,
0.3527

 73.1147, 0.3604,
0.3527

471.4122, 0.3382,
0.3422

 54.0698, 0.3655,
0.3550


 123.6400, 0.3527,
0.3491

 38.6574, 0.3718,
0.3578

155.8892, 0.3497,
0.3477

 26.4933, 0.3798,
0.3612

193.3086, 0.3471,
0.3465

 17.1931, 0.3902,
0.3654

236.2825, 0.3448,
0.3454

 10.3722, 0.4044,
0.3709

285.1955, 0.3429,
0.3445

 5.6465, 0.4247,
0.3780

340.4318, 0.3411,

 2.6313, 0.4558,

0.3436

0.3872

402.3760, 0.3396,
0.3428

0.9424, 0.5613,
0.4387

0.0000, 1.0000,
0.0000

73.1147, 0.3604,
0.3527

73.1147, 0.3604,
0.3527

64.2147, 0.3851,
0.3627

83.0209, 0.3390,
0.3429

56.3161, 0.4136,
0.3723

93.9958, 0.3209,
0.3335

49.3725, 0.4453,
0.3807

100.0000, 0.3127,
0.3290

43.3448, 0.4794,
0.3868

■ 38.1908, 0.5140,
0.3892

■ 33.8644, 0.5463,
0.3869

■ 30.3135, 0.5732,
0.3792

■ 28.8298, 0.5844,
0.3742

Harmonies

Analogous

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



73.1147, 0.3557, 0.3330



73.1147, 0.3604, 0.3527



73.1147, 0.3517, 0.3672

Triad

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



73.1147, 0.3604, 0.3527



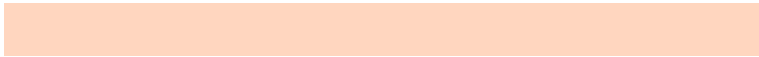
73.1147, 0.2864, 0.3452



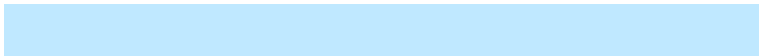
73.1147, 0.2919, 0.2895

Complementary

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



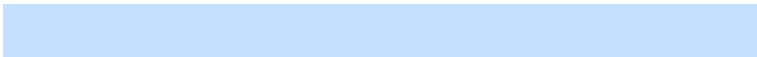
73.1147, 0.3604, 0.3527



76.0338, 0.2735, 0.3040

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.



73.1147, 0.2745, 0.2911



73.1147, 0.3604, 0.3527



73.1147, 0.2714, 0.3225

Square

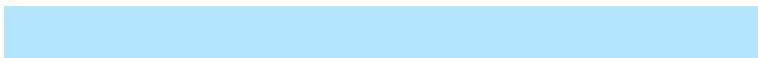
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1147, 0.3604, 0.3527



73.1147, 0.3086, 0.3636



73.1147, 0.2672, 0.3028



73.1147, 0.3154, 0.2975

Rectangle

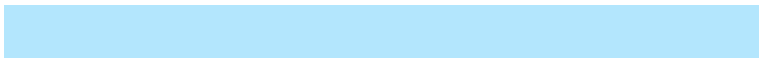
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1147, 0.3604, 0.3527



73.1147, 0.3398, 0.3715



73.1147, 0.2672, 0.3028



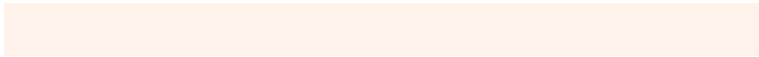
73.1147, 0.2852, 0.2889

Sweetspot

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



73.1048, 0.3603, 0.3527



90.6922, 0.3259, 0.3362



64.3901, 0.3324, 0.2872



19.0538, 0.3285, 0.3376



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.



73.1048, 0.3603, 0.3527



68.6146, 0.3721, 0.3576



90.5711, 0.3529, 0.3832



19.0538, 0.3285, 0.3376



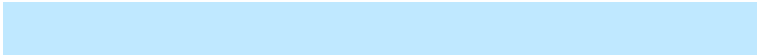
15.3201, 0.5814, 0.3766



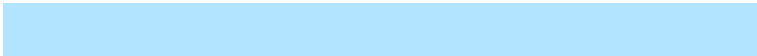
1.6896, 0.5598, 0.3937

Inverse Universe

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



76.0338, 0.2735, 0.3040



71.9820, 0.2659, 0.2984



59.8927, 0.2703, 0.2683



19.3205, 0.2980, 0.3203



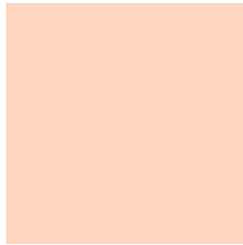
17.8436, 0.1908, 0.2067



1.9444, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 73.1147, 0.3604, 0.3527 looks on a white background.

Color Contrast Check

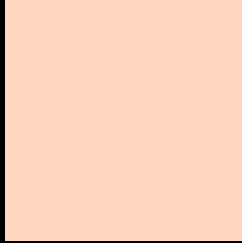
Large Text (above 18pt) WCAG AA × Fail

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 73.1147, 0.3604, 0.3527 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 73.1147, 0.3604, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 73.1147, 0.3604, 0.3527.



This preview shows how white text looks on a background with the Yxy color 73.1147, 0.3604, 0.3527.

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



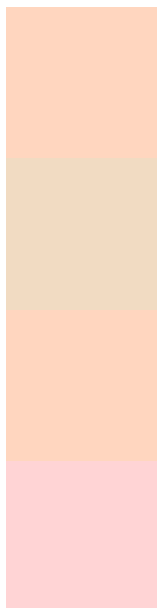
Original Color
73.1147, 0.3604, 0.3527
Protanopia
73.5063, 0.3390, 0.3582
Deuteranopia
73.1147, 0.3604, 0.3527



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.1147, 0.3604, 0.3527

Protanomaly

73.2588, 0.3463, 0.3556

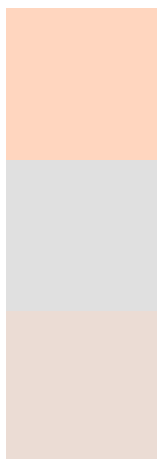
Deuteranomaly

73.1147, 0.3604, 0.3527

Tritanomaly

73.1511, 0.3444, 0.3281

Monochromacy



Original Color

73.1147, 0.3604, 0.3527

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6020, 0.3290, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1147, 0.3604, 0.3527 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, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 191)  
}
```

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, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.1147, 0.3604, 0.3527 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, 214, 191) }
```

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

```
.border{ border-color:rgb(255, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1147, 0.3604, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 191) }
```

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

```
.background{ background-color: rgb(255,  
214, 191) }
```

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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