

Converting Colors

$Y_{xy}(127.4157, 0.4802, 0.3401)$

Have a look what the booklet for
Yxy(127.4157, 0.4802, 0.3401)
contains.

Yxy(73.3387, 0.3566, 0.3476)	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(73.3387, 0.3566, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C4
RGB	255, 214, 196
RGB Percent	100%, 84%, 77%
CMY	0.0002, 0.1607, 0.2314
CMYK	0.00, 0.16, 0.23, 0.00
HSL	18°, 100%, 88%
HSV	18°, 23%, 100%
XYZ	75.2376, 73.3387, 62.4096
YIQ	224.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

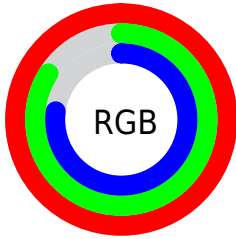
Format	Color
R _Y B	255, 222, 196
Decimal	16766660
CIE Lab	88.61, 11.62, 14.23
CIE LCh	89, 18.371, 50.746
Yxy	73.3387, 0.3566, 0.3476
Android (android.graphics.Color)	4294956740 (0xFFFFD6C4)
YUV	224.2070, -13.9061, 27.0055
Hunter-Lab	85.6380, 6.9553, 16.7384

Details

The Yxy color **73.3387, 0.3566, 0.3476** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4773, 0.2768, 0.3096**, and the grayscale version is **74.7812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.7550, 0.3679, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **63.7993, 0.3815, 0.3562**, and if you desaturate by 10%, it is **84.0556, 0.3355, 0.3393**.

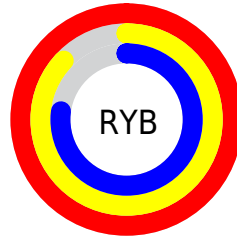
Distribution



Red (100%)

Green (84%)

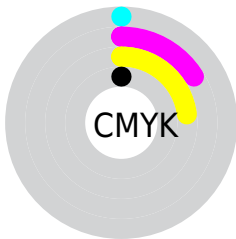
Blue (77%)



Red (100%)

Yellow (87%)

Blue (77%)

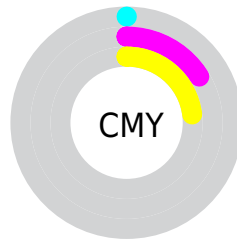


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3387, 0.3566, 0.3476 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 73.3387, 0.3566, 0.3476 by changing the saturation by 10% instead.


 73.3387, 0.3566,
0.3476

 73.3387, 0.3566,
0.3476


472.1879, 0.3362,
0.3394

 54.2530, 0.3613,
0.3494


123.9579, 0.3495,
0.3448

 38.8039, 0.3671,
0.3515

156.2602, 0.3467,
0.3437

 26.6072, 0.3745,
0.3542


193.7368, 0.3443,
0.3428

 17.2785, 0.3841,
0.3575

236.7720, 0.3423,
0.3419

 10.4332, 0.3973,
0.3617

285.7504, 0.3405,
0.3412

 5.6871, 0.4163,
0.3672

341.0562, 0.3389,

 2.6558, 0.4456,

0.3405

0.3743

403.0739, 0.3374,
0.3399

0.9548, 0.5540,
0.4267

0.0000, 1.0000,
0.0000

73.3387, 0.3566,
0.3476

73.3387, 0.3566,
0.3476

63.7993, 0.3815,
0.3562

84.0556, 0.3355,
0.3393

55.3863, 0.4105,
0.3645

95.9787, 0.3177,
0.3314

48.0597, 0.4435,
0.3719

99.9917, 0.3127,
0.3290

41.7732, 0.4796,
0.3772

■ 36.4766, 0.5168,
0.3794

■ 32.1153, 0.5522,
0.3773

■ 28.6280, 0.5819,
0.3702

■ 26.6955, 0.5981,
0.3633

Harmonies

Analogous

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



73.3387, 0.3499, 0.3291



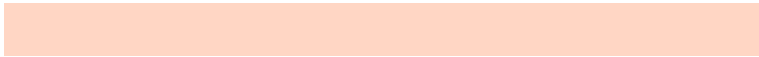
73.3387, 0.3566, 0.3476



73.3387, 0.3510, 0.3621

Triad

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



73.3387, 0.3566, 0.3476



73.3387, 0.2921, 0.3476



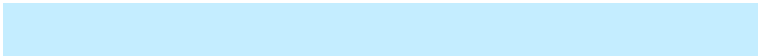
73.3387, 0.2899, 0.2922

Complementary

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



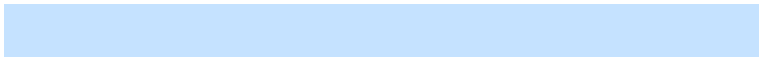
73.3387, 0.3566, 0.3476



79.4773, 0.2768, 0.3096

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.



73.3387, 0.2754, 0.2956



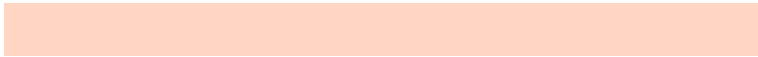
73.3387, 0.3566, 0.3476



73.3387, 0.2767, 0.3271

Square

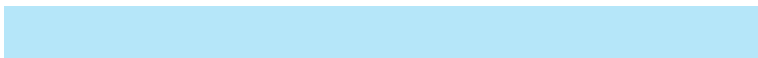
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3387, 0.3566, 0.3476



73.3387, 0.3134, 0.3630



73.3387, 0.2707, 0.3081



73.3387, 0.3108, 0.2979

Rectangle

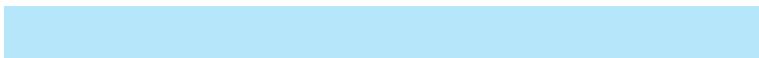
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3387, 0.3566, 0.3476



73.3387, 0.3412, 0.3673



73.3387, 0.2707, 0.3081



73.3387, 0.2841, 0.2922

Sweetspot

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



73.3420, 0.3566, 0.3476



91.2503, 0.3242, 0.3344



66.8584, 0.3283, 0.2877



19.3759, 0.3253, 0.3348



0.0000, 0.0000, 0.0000



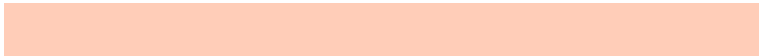
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3420, 0.3566, 0.3476



68.5744, 0.3682, 0.3518



89.4362, 0.3502, 0.3761



18.8928, 0.3287, 0.3363



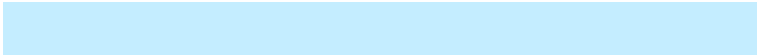
14.1839, 0.5951, 0.3656



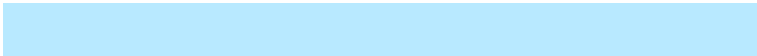
1.5643, 0.5731, 0.3832

Inverse Universe

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



79.4773, 0.2768, 0.3096



75.7330, 0.2694, 0.3050



63.9593, 0.2742, 0.2771



19.4888, 0.2980, 0.3216



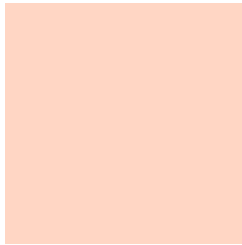
20.4838, 0.1961, 0.2258



2.1878, 0.1997, 0.2390

Previews

White Background



This preview shows how the Yxy color 73.3387, 0.3566, 0.3476 looks on a white background.

Color Contrast Check

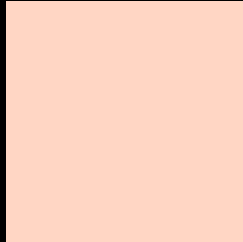
Large Text (above 18pt) WCAG AA × Fail

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 73.3387, 0.3566, 0.3476 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 73.3387, 0.3566, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 73.3387, 0.3566, 0.3476.

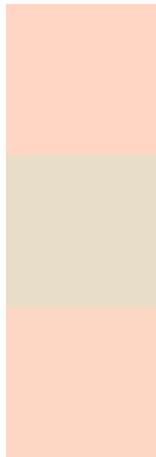


This preview shows how white text looks on a background with the Yxy color 73.3387, 0.3566, 0.3476.

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

73.3387, 0.3566, 0.3476

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

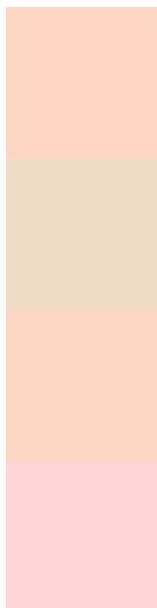
73.1495, 0.3559, 0.3476



Tritanopia

73.3395, 0.3350, 0.3140

Trichromacy



Original Color

73.3387, 0.3566, 0.3476

Protanomaly

73.3118, 0.3420, 0.3503

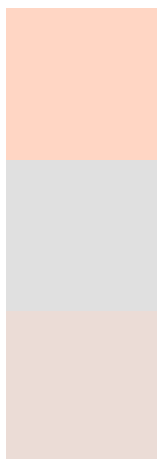
Deuteranomaly

73.1495, 0.3559, 0.3476

Tritanomaly

73.2533, 0.3429, 0.3260

Monochromacy



Original Color

73.3387, 0.3566, 0.3476

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7036, 0.3276, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3387, 0.3566, 0.3476 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 196) }
```

Border

The CSS property to change the border of an element to Yxy 73.3387, 0.3566, 0.3476 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, 196) }
```

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

```
.border{ border-color:rgb(255, 214, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3387, 0.3566, 0.3476 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
214, 196) }
```

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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