

Converting Colors

$Yxy(72.5940, 0.3788, 0.3798)$

Have a look what the booklet for
Yxy(72.5940, 0.3788, 0.3798)
contains.

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Color

Yxy(72.6141, 0.3786, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7A6
RGB	255, 215, 166
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1568, 0.3492
CMYK	0.00, 0.16, 0.35, 0.00
HSL	33°, 100%, 83%
HSV	33°, 35%, 100%
XYZ	72.4228, 72.6141, 46.2542
YIQ	221.3740, 39.5690, -6.7590

Conversions

Conversions Part 2

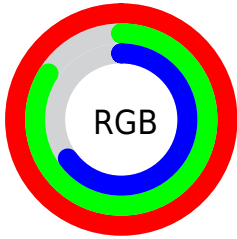
Format	Color
R_{YB}	239, 255, 166
Decimal	16766886
CIE _{Lab}	88.26, 7.27, 29.42
CIE _{LCh}	88, 30.303, 76.113
Yxy	72.6141, 0.3786, 0.3796
Android (android.graphics.Color)	4294956966 (0xFFFFD7A6)
YUV	221.3740, -27.2994, 29.4900
Hunter-Lab	85.2139, 2.5818, 27.4671

Details

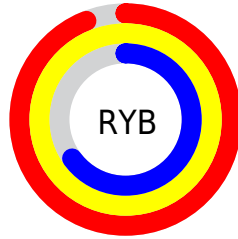
The Yxy color $72.6141, 0.3786, 0.3796$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $59.4420, 0.2556, 0.2722$, and the grayscale version is $72.7560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0005, 0.3327, 0.3621$, and $38.2268, 0.3937, 0.3896$ is the 20% darker color. If you saturate the color by 10%, you get $66.1403, 0.4022, 0.3941$, and if you desaturate by 10%, it is $79.6848, 0.3570, 0.3646$.

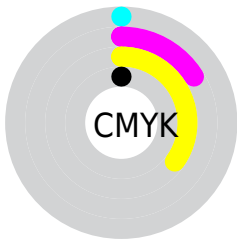
Distribution



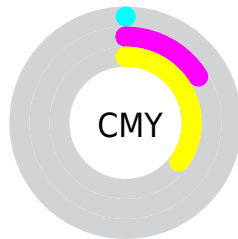
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (94%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6141, 0.3786, 0.3796 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 72.6141, 0.3786, 0.3796 by changing the saturation by 10% instead.


 72.6141, 0.3786,
0.3796


 72.6141, 0.3786,
0.3796


469.6763, 0.3481,
0.3569

 53.6605, 0.3855,
0.3845


 122.9292, 0.3681,
0.3719

 38.3303, 0.3939,
0.3905


 155.0595, 0.3640,
0.3689

 26.2391, 0.4044,
0.3977


192.3508, 0.3604,
0.3662

 17.0026, 0.4178,
0.4067

235.1875, 0.3573,
0.3639

 10.2364, 0.4354,
0.4179

283.9540, 0.3546,
0.3618

 5.5560, 0.4591,
0.4318

339.0347, 0.3522,

 2.5770, 0.5097,

0.3600

0.4642

400.8140, 0.3501,
0.3584

0.9151, 0.5377,
0.4623

0.0000, 0.0000,
0.0000

72.6141, 0.3786,
0.3796

72.6141, 0.3786,
0.3796

66.1403, 0.4022,
0.3941

79.6848, 0.3570,
0.3646

60.2396, 0.4272,
0.4072

87.3661, 0.3376,
0.3499

54.8928, 0.4529,
0.4177

95.6767, 0.3204,
0.3357

50.0771, 0.4779,
0.4244

100.0000, 0.3127,
0.3290

■ 45.7675, 0.5007,
0.4261

■ 41.9347, 0.5199,
0.4222

■ 40.1523, 0.5284,
0.4186

Harmonies

Analogous

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



72.6141, 0.3854, 0.3536



72.6141, 0.3786, 0.3796



72.6141, 0.3537, 0.3939

Triad

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



72.6141, 0.3786, 0.3796



72.6141, 0.2569, 0.3304



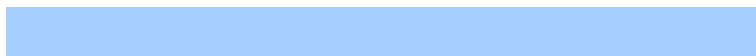
72.6141, 0.3033, 0.2768

Complementary

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



72.6141, 0.3786, 0.3796



59.4420, 0.2556, 0.2722

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.



72.6141, 0.2706, 0.2693



72.6141, 0.3786, 0.3796



72.6141, 0.2451, 0.2977

Square

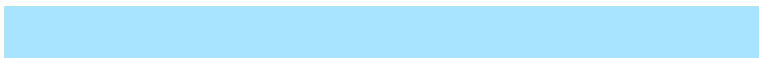
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6141, 0.3786, 0.3796



72.6141, 0.2834, 0.3653



72.6141, 0.2500, 0.2762



72.6141, 0.3405, 0.2962

Rectangle

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



72.6141, 0.3786, 0.3796



72.6141, 0.3309, 0.3932



72.6141, 0.2500, 0.2762



72.6141, 0.2915, 0.2728

Sweetspot

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



72.6156, 0.3786, 0.3796



91.3739, 0.3289, 0.3428



52.9748, 0.3585, 0.2877



19.3093, 0.3313, 0.3448



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.



72.6156, 0.3786, 0.3796



67.9698, 0.3951, 0.3900



94.6970, 0.3624, 0.4172



19.6460, 0.3280, 0.3421



21.2831, 0.5262, 0.4204



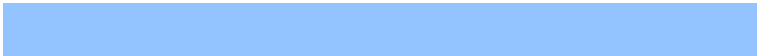
2.2905, 0.5106, 0.4328

Inverse Universe

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



59.4420, 0.2556, 0.2722



52.9886, 0.2436, 0.2583



43.0691, 0.2521, 0.2246



18.7212, 0.2979, 0.3156



10.4125, 0.1725, 0.1408



1.2282, 0.1785, 0.1625

Previews

White Background



This preview shows how the Yxy color 72.6141, 0.3786, 0.3796 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 72.6141, 0.3786, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

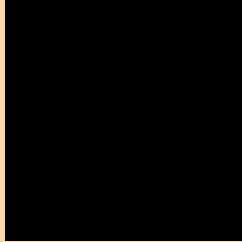
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6141, 0.3786, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 72.6141, 0.3786, 0.3796.



This preview shows how white text looks on a background with the Yxy color 72.6141, 0.3786, 0.3796.

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

72.6141, 0.3786, 0.3796

Protanopia

72.5820, 0.3605, 0.3851

Deuteranopia

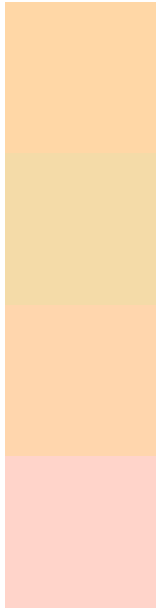
72.5275, 0.3708, 0.3673



Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.6141, 0.3786, 0.3796

Protanomaly

72.7233, 0.3672, 0.3831

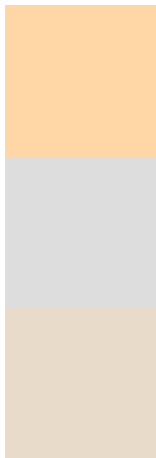
Deuteranomaly

72.3703, 0.3737, 0.3714

Tritanomaly

72.6112, 0.3526, 0.3393

Monochromacy



Original Color

72.6141, 0.3786, 0.3796

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2037, 0.3353, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6141, 0.3786, 0.3796 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, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 166)  
}
```

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, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 166) }
```

Border

The CSS property to change the border of an element to Yxy 72.6141, 0.3786, 0.3796 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, 215, 166) }
```

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

```
.border{ border-color:rgb(255, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6141, 0.3786, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 166) }
```

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

```
.background{ background-color: rgb(255,  
215, 166) }
```

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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