

Converting Colors

$Y_{xy}(76.8224, 0.4114, 0.4031)$

Have a look what the booklet for
Yxy(76.8224, 0.4114, 0.4031)
contains.

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Color

Yxy(72.7792, 0.3961, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	FFD98C
RGB	255, 217, 140
RGB Percent	100%, 85%, 55%
CMY	0.0001, 0.1489, 0.4510
CMYK	0.00, 0.15, 0.45, 0.00
HSL	40°, 100%, 77%
HSV	40°, 45%, 100%
XYZ	70.7779, 72.7792, 35.1299
YIQ	219.5840, 47.3650, -15.8910

Conversions

Conversions Part 2

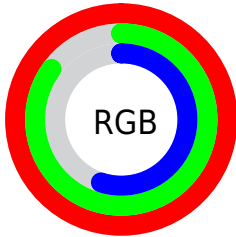
Format	Color
R_{YB}	197, 255, 140
Decimal	16767372
CIE _{Lab}	88.34, 3.45, 42.73
CIE _{LCh}	88, 42.866, 85.386
Yxy	72.7792, 0.3961, 0.4073
Android (android.graphics.Color)	4294957452 (0xFFFFD98C)
YUV	219.5840, -39.2349, 31.0598
Hunter-Lab	85.3107, -1.2015, 35.3027

Details

The Yxy color **72.7792, 0.3961, 0.4073** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6169, 0.2354, 0.2346**, and the grayscale version is **71.5193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **38.2810, 0.4143, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **67.8861, 0.4174, 0.4229**, and if you desaturate by 10%, it is **78.0747, 0.3753, 0.3901**.

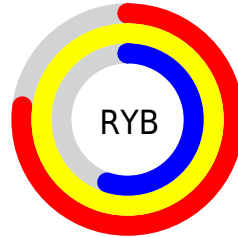
Distribution



Red (100%)

Green (85%)

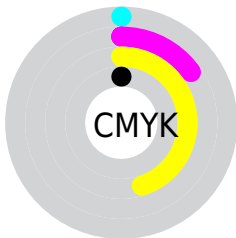
Blue (55%)



Red (77%)

Yellow (100%)

Blue (55%)

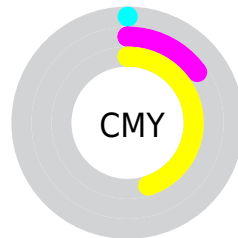


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7792, 0.3961, 0.4073 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 72.7792, 0.3961, 0.4073 by changing the saturation by 10% instead.


 72.7792, 0.3961,
0.4073

 72.7792, 0.3961,
0.4073


470.2492, 0.3583,
0.3724


 53.7954, 0.4043,
0.4147

 123.1637, 0.3833,
0.3956

 38.4381, 0.4141,
0.4235


 155.3332, 0.3782,
0.3909

 26.3229, 0.4260,
0.4340


 192.6668, 0.3738,
0.3868

 17.0654, 0.4405,
0.4465

235.5488, 0.3699,
0.3832

 10.2811, 0.4580,
0.4612

284.3637, 0.3665,
0.3801

 5.5857, 0.4822,
0.4808

339.4958, 0.3635,

 2.5949, 0.5046,

0.3772

0.4954

401.3295, 0.3608,
0.3747

■ 0.9241, 0.5116,
0.4884

■ 0.0000, 0.0000,
0.0000

■ 72.7792, 0.3961,
0.4073

■ 72.7792, 0.3961,
0.4073

■ 67.8861, 0.4174,
0.4229

■ 78.0747, 0.3753,
0.3901

■ 63.3697, 0.4382,
0.4358

■ 83.7765, 0.3556,
0.3723

■ 59.2163, 0.4577,
0.4447

■ 89.9014, 0.3373,
0.3545

■ 55.4063, 0.4746,
0.4489

■ 96.4617, 0.3206,
0.3374

■ 51.9165, 0.4883, 99.9938, 0.3127,
0.4478 0.3290

■ 50.3048, 0.4941,
0.4458

Harmonies

Analogous

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



72.7792, 0.4156, 0.3733



72.7792, 0.3961, 0.4073



72.7792, 0.3546, 0.4229

Triad

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



72.7792, 0.3961, 0.4073



72.7792, 0.2279, 0.3141



72.7792, 0.3149, 0.2642

Complementary

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



72.7792, 0.3961, 0.4073



44.6169, 0.2354, 0.2346

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.



72.7792, 0.2662, 0.2484



72.7792, 0.3961, 0.4073



72.7792, 0.2193, 0.2727

Square

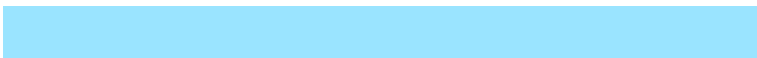
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7792, 0.3961, 0.4073



72.7792, 0.2579, 0.3660



72.7792, 0.2326, 0.2505



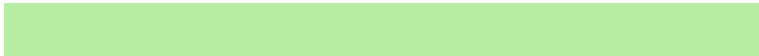
72.7792, 0.3670, 0.2941

Rectangle

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



72.7792, 0.3961, 0.4073



72.7792, 0.3210, 0.4169



72.7792, 0.2326, 0.2505



72.7792, 0.2976, 0.2571

Sweetspot

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



72.7826, 0.3961, 0.4073



90.6204, 0.3354, 0.3526



43.2393, 0.3926, 0.2893



19.1036, 0.3391, 0.3564



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.



72.7826, 0.3961, 0.4073



68.4201, 0.4150, 0.4213



91.1927, 0.3665, 0.4456



20.0208, 0.3277, 0.3449



26.5779, 0.4926, 0.4471



2.7881, 0.4821, 0.4554

Inverse Universe

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



44.6169, 0.2354, 0.2346



37.1303, 0.2194, 0.2117



33.3639, 0.2401, 0.1918



18.3571, 0.2979, 0.3126



7.3423, 0.1630, 0.1067



0.9053, 0.1692, 0.1290

Previews

White Background



This preview shows how the Yxy color 72.7792, 0.3961, 0.4073 looks on a white background.

Color Contrast Check

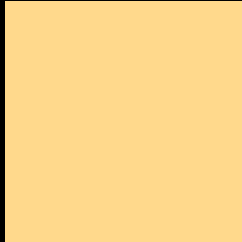
Large Text (above 18pt) WCAG AA × Fail

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 72.7792, 0.3961, 0.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

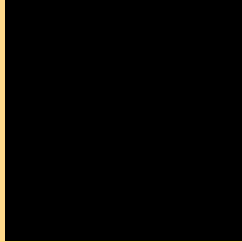
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7792, 0.3961, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 72.7792, 0.3961, 0.4073.



This preview shows how white text looks on a background with the Yxy color 72.7792, 0.3961, 0.4073.

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

72.7792, 0.3961, 0.4073

Protanopia

72.8963, 0.3816, 0.4135

Deuteranopia

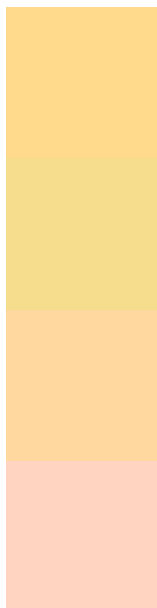
72.7632, 0.3756, 0.3755



Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.7792, 0.3961, 0.4073

Protanomaly

72.7023, 0.3871, 0.4114

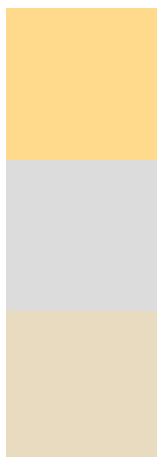
Deuteranomaly

72.8749, 0.3833, 0.3876

Tritanomaly

72.6988, 0.3591, 0.3497

Monochromacy



Original Color

72.7792, 0.3961, 0.4073

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7483, 0.3423, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7792, 0.3961, 0.4073 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, 217, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 140)  
}
```

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, 217, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 140) }
```

Border

The CSS property to change the border of an element to Yxy 72.7792, 0.3961, 0.4073 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, 217, 140) }
```

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

```
.border{ border-color:rgb(255, 217, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7792, 0.3961, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 140) }
```

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

```
.background{ background-color: rgb(255,  
217, 140) }
```

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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