

Converting Colors

$Yxy(72.5417, 0.3904, 0.3976)$

Have a look what the booklet for
Yxy(72.5417, 0.3904, 0.3976)
contains.

Yxy(72.5417, 0.3904, 0.3976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5417, 0.3904, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	FFD895
RGB	255, 216, 149
RGB Percent	100%, 85%, 58%
CMY	0.0000, 0.1530, 0.4157
CMYK	0.00, 0.15, 0.42, 0.00
HSL	38°, 100%, 79%
HSV	38°, 42%, 100%
XYZ	71.2281, 72.5417, 38.6792
YIQ	220.0230, 44.7510, -12.5690

Conversions

Conversions Part 2

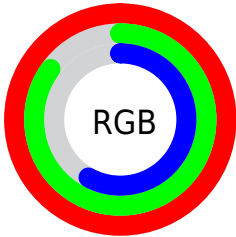
Format	Color
R _Y B	211, 255, 149
Decimal	16767125
CIE Lab	88.23, 4.90, 38.06
CIE LCh	88, 38.373, 82.668
Yxy	72.5417, 0.3904, 0.3976
Android (android.graphics.Color)	4294957205 (0xFFFFD895)
YUV	220.0230, -35.0143, 30.6748
Hunter-Lab	85.1714, 0.2279, 32.6944

Details

The Yxy color **72.5417, 0.3904, 0.3976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.5756, 0.2426, 0.2483**, and the grayscale version is **71.8100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **38.2231, 0.4085, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **67.1413, 0.4126, 0.4131**, and if you desaturate by 10%, it is **78.3910, 0.3691, 0.3810**.

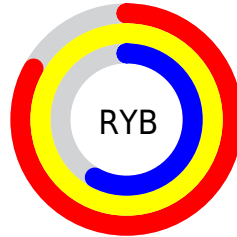
Distribution



Red (100%)

Green (85%)

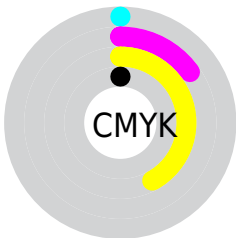
Blue (58%)



Red (83%)

Yellow (100%)

Blue (58%)

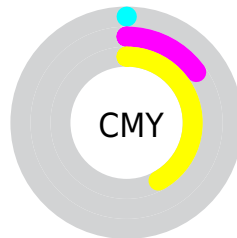


Cyan (0%)

Magenta (15%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5417, 0.3904, 0.3976 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 72.5417, 0.3904, 0.3976 by changing the saturation by 10% instead.


 72.5417, 0.3904,
0.3976

 72.5417, 0.3904,
0.3976

469.4249, 0.3549,
0.3669

 53.6013, 0.3982,
0.4042


 122.8264, 0.3783,
0.3873

 38.2830, 0.4077,
0.4120


 154.9394, 0.3735,
0.3831

 26.2024, 0.4193,
0.4215


192.2122, 0.3694,
0.3796

 16.9751, 0.4338,
0.4330

235.0290, 0.3657,
0.3764

 10.2168, 0.4519,
0.4467

283.7743, 0.3625,
0.3736

 5.5429, 0.4749,
0.4631

338.8324, 0.3597,

 2.5692, 0.5118,

0.3711

0.4882

400.5878, 0.3572,
0.3689

■ 0.9112, 0.5217,
0.4783

■ 0.0000, 0.0000,
0.0000

■ 72.5417, 0.3904,
0.3976

■ 72.5417, 0.3904,
0.3976

■ 67.1413, 0.4126,
0.4131

■ 78.3910, 0.3691,
0.3810

■ 62.1794, 0.4351,
0.4263

■ 84.7103, 0.3494,
0.3640

■ 57.6362, 0.4568,
0.4361

■ 91.5116, 0.3313,
0.3473

■ 53.4918, 0.4765,
0.4413

■ 98.8085, 0.3151,
0.3314

■ 49.7230, 0.4932,
0.4412

100.0000, 0.3127,
0.3290

■ 46.8106, 0.5047,
0.4374

Harmonies

Analogous

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



72.5417, 0.4053, 0.3664



72.5417, 0.3904, 0.3976



72.5417, 0.3547, 0.4127

Triad

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



72.5417, 0.3904, 0.3976



72.5417, 0.2379, 0.3202



72.5417, 0.3106, 0.2683

Complementary

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



72.5417, 0.3904, 0.3976



49.5756, 0.2426, 0.2483

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.



72.5417, 0.2675, 0.2554



72.5417, 0.3904, 0.3976



72.5417, 0.2280, 0.2814

Square

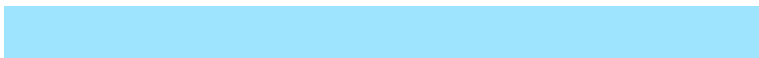
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5417, 0.3904, 0.3976



72.5417, 0.2669, 0.3662



72.5417, 0.2384, 0.2593



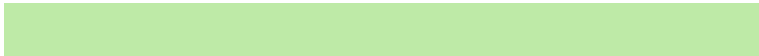
72.5417, 0.3575, 0.2947

Rectangle

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



72.5417, 0.3904, 0.3976



72.5417, 0.3248, 0.4087



72.5417, 0.2384, 0.2593



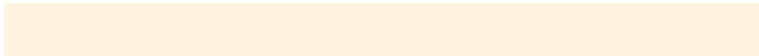
72.5417, 0.2952, 0.2623

Sweetspot

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



72.5398, 0.3904, 0.3976



91.2091, 0.3321, 0.3481



46.4553, 0.3782, 0.2869



19.3270, 0.3343, 0.3502



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.



72.5398, 0.3904, 0.3976



67.9596, 0.4091, 0.4108



92.6792, 0.3664, 0.4353



19.9011, 0.3278, 0.3440



24.7545, 0.5030, 0.4388



2.6191, 0.4909, 0.4484

Inverse Universe

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



49.5756, 0.2426, 0.2483



42.2024, 0.2277, 0.2283



36.3286, 0.2431, 0.2027



18.4722, 0.2979, 0.3136



8.1993, 0.1658, 0.1167



0.9984, 0.1720, 0.1392

Previews

White Background



This preview shows how the Yxy color 72.5417, 0.3904, 0.3976 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 72.5417, 0.3904, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

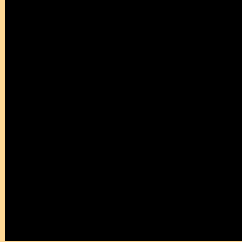
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5417, 0.3904, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 72.5417, 0.3904, 0.3976.



This preview shows how white text looks on a background with the Yxy color 72.5417, 0.3904, 0.3976.

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

72.5417, 0.3904, 0.3976

Protanopia

72.4725, 0.3752, 0.4036

Deuteranopia

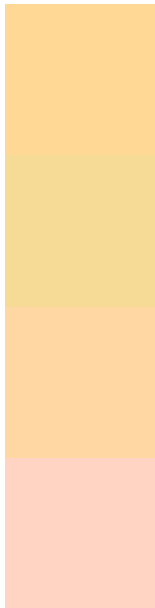
72.2934, 0.3752, 0.3734



Tritanopia

72.6271, 0.3381, 0.3170

Trichromacy



Original Color

72.5417, 0.3904, 0.3976

Protanomaly

72.2775, 0.3806, 0.4016

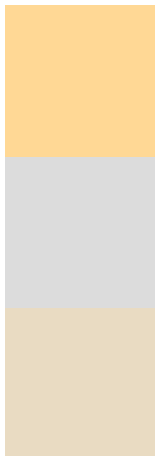
Deuteranomaly

72.5052, 0.3807, 0.3826

Tritanomaly

72.2871, 0.3578, 0.3466

Monochromacy



Original Color

72.5417, 0.3904, 0.3976

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8817, 0.3402, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5417, 0.3904, 0.3976 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, 216, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 149)  
}
```

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, 216, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 149) }
```

Border

The CSS property to change the border of an element to Yxy 72.5417, 0.3904, 0.3976 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, 216, 149) }
```

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

```
.border{ border-color:rgb(255, 216, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5417, 0.3904, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 149) }
```

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

```
.background{ background-color: rgb(255,  
216, 149) }
```

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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