

Converting Colors

$Y_{xy}(94.9165, 0.4622, 0.3850)$

Have a look what the booklet for
Yxy(94.9165, 0.4622, 0.3850)
contains.

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Color

Yxy(72.8088, 0.3955, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	FFD98D
RGB	255, 217, 141
RGB Percent	100%, 85%, 55%
CMY	0.0000, 0.1491, 0.4470
CMYK	0.00, 0.15, 0.45, 0.00
HSL	40°, 100%, 78%
HSV	40°, 45%, 100%
XYZ	70.8734, 72.8088, 35.5174
YIQ	219.6980, 47.0440, -15.5800

Conversions

Conversions Part 2

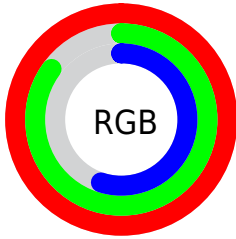
Format	Color
R _Y B	198, 255, 141
Decimal	16767373
CIE Lab	88.36, 3.59, 42.25
CIE LCh	88, 42.402, 85.141
Yxy	72.8088, 0.3955, 0.4063
Android (android.graphics.Color)	4294957453 (0xFFFFD98D)
YUV	219.6980, -38.7981, 30.9599
Hunter-Lab	85.3281, -1.0621, 35.0505

Details

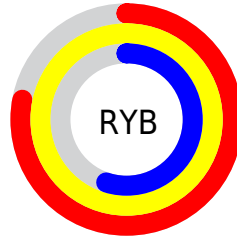
The Yxy color **72.8088, 0.3955, 0.4063** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.1283, 0.2361, 0.2360**, and the grayscale version is **71.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **38.2977, 0.4135, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **67.8588, 0.4168, 0.4219**, and if you desaturate by 10%, it is **78.1484, 0.3746, 0.3892**.

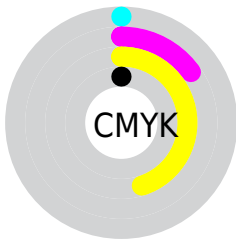
Distribution



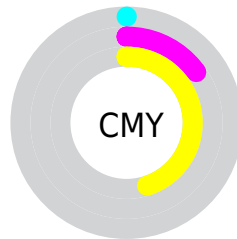
- Red (100%)
- Green (85%)
- Blue (55%)



- Red (78%)
- 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 72.8088, 0.3955, 0.4063 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 72.8088, 0.3955, 0.4063 by changing the saturation by 10% instead.


 72.8088, 0.3955,
0.4063

 72.8088, 0.3955,
0.4063


470.3519, 0.3580,
0.3718

 53.8196, 0.4036,
0.4136

 123.2057, 0.3828,
0.3947

 38.4575, 0.4134,
0.4223


 155.3823, 0.3777,
0.3901

 26.3379, 0.4253,
0.4327


192.7235, 0.3733,
0.3861

 17.0766, 0.4398,
0.4452

235.6136, 0.3695,
0.3825

 10.2891, 0.4574,
0.4597

284.4371, 0.3661,
0.3794

 5.5911, 0.4813,
0.4789

339.5784, 0.3631,

 2.5981, 0.5053,

0.3766

0.4947

401.4219, 0.3604,
0.3741

0.9257, 0.5125,
0.4875

0.0000, 0.0000,
0.0000

72.8088, 0.3955,
0.4063

72.8088, 0.3955,
0.4063

67.8588, 0.4168,
0.4219

78.1484, 0.3746,
0.3892

63.2994, 0.4378,
0.4348

83.9083, 0.3549,
0.3714

59.1079, 0.4575,
0.4439

90.0964, 0.3366,
0.3538

55.2648, 0.4747,
0.4482

96.7253, 0.3200,
0.3367

■ 51.7469, 0.4887,
0.4473

100.0000, 0.3127,
0.3290

■ 49.9998, 0.4951,
0.4451

Harmonies

Analogous

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



72.8088, 0.4145, 0.3726



72.8088, 0.3955, 0.4063



72.8088, 0.3546, 0.4218

Triad

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



72.8088, 0.3955, 0.4063



72.8088, 0.2289, 0.3148



72.8088, 0.3145, 0.2646

Complementary

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



72.8088, 0.3955, 0.4063



45.1283, 0.2361, 0.2360

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.



72.8088, 0.2664, 0.2491



72.8088, 0.3955, 0.4063



72.8088, 0.2202, 0.2736

Square

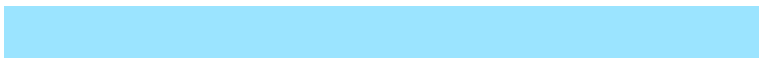
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8088, 0.3955, 0.4063



72.8088, 0.2588, 0.3660



72.8088, 0.2333, 0.2514



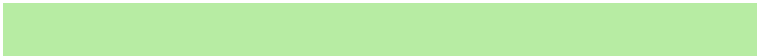
72.8088, 0.3660, 0.2942

Rectangle

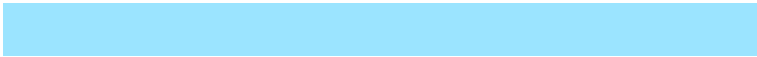
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8088, 0.3955, 0.4063



72.8088, 0.3214, 0.4161



72.8088, 0.2333, 0.2514



72.8088, 0.2973, 0.2577

Sweetspot

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



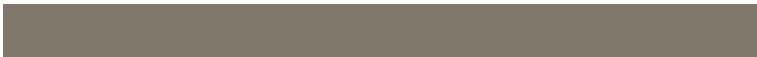
72.8033, 0.3955, 0.4063



91.1952, 0.3337, 0.3508



43.6426, 0.3895, 0.2877



19.2156, 0.3375, 0.3546



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.



72.8033, 0.3955, 0.4063



68.1946, 0.4153, 0.4209



91.6031, 0.3674, 0.4441



20.0103, 0.3277, 0.3448



26.4120, 0.4935, 0.4464



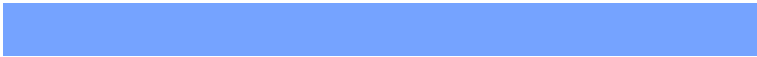
2.7728, 0.4828, 0.4548

Inverse Universe

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



45.1283, 0.2361, 0.2360



37.2931, 0.2196, 0.2123



33.5499, 0.2395, 0.1927



18.3672, 0.2979, 0.3127



7.4134, 0.1632, 0.1075



0.9131, 0.1694, 0.1299

Previews

White Background



This preview shows how the Yxy color 72.8088, 0.3955, 0.4063 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 72.8088, 0.3955, 0.4063 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 72.8088, 0.3955, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 72.8088, 0.3955, 0.4063.



This preview shows how white text looks on a background with the Yxy color 72.8088, 0.3955, 0.4063.

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

72.8088, 0.3955, 0.4063

Protanopia

72.9265, 0.3810, 0.4125

Deuteranopia

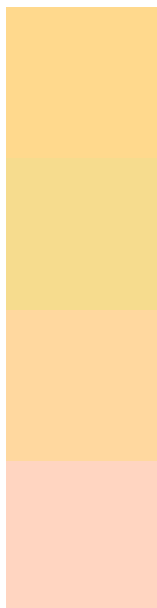
72.7632, 0.3756, 0.3755



Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.8088, 0.3955, 0.4063

Protanomaly

72.7322, 0.3864, 0.4104

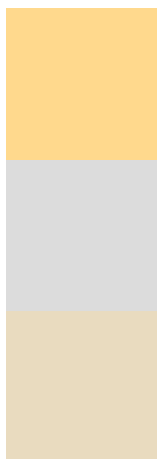
Deuteranomaly

72.8749, 0.3833, 0.3876

Tritanomaly

72.6988, 0.3591, 0.3497

Monochromacy



Original Color

72.8088, 0.3955, 0.4063

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 72.8088, 0.3955, 0.4063 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 141) }
```

Border

The CSS property to change the border of an element to Yxy 72.8088, 0.3955, 0.4063 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, 141) }
```

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

```
.border{ border-color:rgb(255, 217, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 141); box-shadow:4px 4px 4px 4px rgb(255, 217, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8088, 0.3955, 0.4063 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
217, 141) }
```

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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