

Converting Colors

$Y_{xy}(72.2820, 0.3936, 0.4019)$

Have a look what the booklet for
Yxy(72.2820, 0.3936, 0.4019)
contains.

Yxy(72.3854, 0.3939, 0.4025)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3854, 0.3939, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	FFD890
RGB	255, 216, 144
RGB Percent	100%, 85%, 56%
CMY	0.0000, 0.1530, 0.4354
CMYK	0.00, 0.15, 0.44, 0.00
HSL	39°, 100%, 78%
HSV	39°, 44%, 100%
XYZ	70.8388, 72.3854, 36.6153
YIQ	219.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

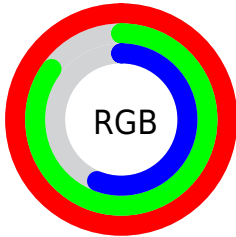
Format	Color
R_{YB}	204, 255, 144
Decimal	16767120
CIE _{Lab}	88.15, 4.39, 40.50
CIE _{LCh}	88, 40.733, 83.811
Yxy	72.3854, 0.3939, 0.4025
Android (android.graphics.Color)	4294957200 (0xFFFFD890)
YUV	219.4530, -37.1983, 31.1747
Hunter-Lab	85.0796, -0.2671, 34.0394

Details

The Yxy color **72.3854, 0.3939, 0.4025** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.0092, 0.2387, 0.2414**, and the grayscale version is **71.4040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **37.9982, 0.4118, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **67.2220, 0.4157, 0.4180**, and if you desaturate by 10%, it is **77.9680, 0.3727, 0.3856**.

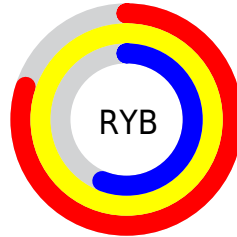
Distribution



Red (100%)

Green (85%)

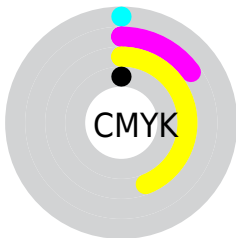
Blue (56%)



Red (80%)

Yellow (100%)

Blue (56%)

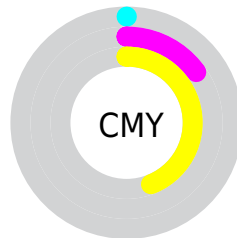


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3854, 0.3939, 0.4025 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 72.3854, 0.3939, 0.4025 by changing the saturation by 10% instead.


 72.3854, 0.3939,
0.4025


 72.3854, 0.3939,
0.4025


468.8819, 0.3569,
0.3697

 53.4736, 0.4020,
0.4095


 122.6043, 0.3813,
0.3915

 38.1809, 0.4117,
0.4178


 154.6802, 0.3763,
0.3871

 26.1232, 0.4236,
0.4278


191.9128, 0.3720,
0.3832

 16.9158, 0.4382,
0.4398

234.6867, 0.3683,
0.3799

 10.1745, 0.4563,
0.4540

283.3861, 0.3649,
0.3769

 5.5148, 0.4801,
0.4717

338.3956, 0.3620,

 2.5524, 0.5093,

0.3742

0.4907

400.0994, 0.3593,
0.3718

■ 0.9028, 0.5183,
0.4817

■ 0.0000, 0.0000,
0.0000

■ 72.3854, 0.3939,
0.4025

■ 72.3854, 0.3939,
0.4025

■ 67.2220, 0.4157,
0.4180

■ 77.9680, 0.3727,
0.3856

■ 62.4727, 0.4375,
0.4309

■ 83.9953, 0.3529,
0.3683

■ 58.1163, 0.4582,
0.4402

■ 90.4775, 0.3347,
0.3511

■ 54.1330, 0.4766,
0.4447

■ 97.4276, 0.3181,
0.3346

■ 50.4995, 0.4918,
0.4440

100.0000, 0.3127,
0.3290

■ 48.3174, 0.5001,
0.4412

Harmonies

Analogous

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



72.3854, 0.4109, 0.3697



72.3854, 0.3939, 0.4025



72.3854, 0.3553, 0.4181

Triad

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



72.3854, 0.3939, 0.4025



72.3854, 0.2327, 0.3176



72.3854, 0.3123, 0.2658

Complementary

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



72.3854, 0.3939, 0.4025



47.0092, 0.2387, 0.2414

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.



72.3854, 0.2663, 0.2515



72.3854, 0.3939, 0.4025



72.3854, 0.2233, 0.2771

Square

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



72.3854, 0.3939, 0.4025



72.3854, 0.2625, 0.3667



72.3854, 0.2350, 0.2547



72.3854, 0.3620, 0.2939

Rectangle

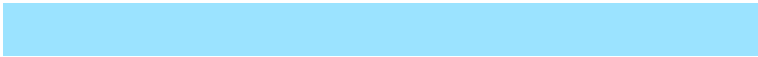
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3854, 0.3939, 0.4025



72.3854, 0.3234, 0.4133



72.3854, 0.2350, 0.2547



72.3854, 0.2959, 0.2593

Sweetspot

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



72.3818, 0.3939, 0.4025



90.8385, 0.3337, 0.3502



44.6905, 0.3846, 0.2868



19.1272, 0.3376, 0.3540



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.



72.3818, 0.3939, 0.4025



67.9879, 0.4124, 0.4157



92.0929, 0.3675, 0.4406



19.9535, 0.3278, 0.3444



25.5380, 0.4984, 0.4425



2.6919, 0.4870, 0.4515

Inverse Universe

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



47.0092, 0.2387, 0.2414



39.7584, 0.2237, 0.2206



34.5097, 0.2404, 0.1963



18.4217, 0.2979, 0.3131



7.8101, 0.1645, 0.1122



0.9565, 0.1707, 0.1347

Previews

White Background



This preview shows how the Yxy color 72.3854, 0.3939, 0.4025 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 72.3854, 0.3939, 0.4025 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 72.3854, 0.3939, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 72.3854, 0.3939, 0.4025.



This preview shows how white text looks on a background with the Yxy color 72.3854, 0.3939, 0.4025.

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

72.3854, 0.3939, 0.4025

Protanopia

72.3135, 0.3786, 0.4087

Deuteranopia

72.2177, 0.3767, 0.3755



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.3854, 0.3939, 0.4025

Protanomaly

72.1198, 0.3840, 0.4067

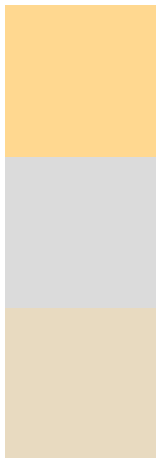
Deuteranomaly

72.3989, 0.3829, 0.3857

Tritanomaly

72.2420, 0.3586, 0.3476

Monochromacy



Original Color

72.3854, 0.3939, 0.4025

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1044, 0.3411, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3854, 0.3939, 0.4025 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 144) }
```

Border

The CSS property to change the border of an element to Yxy 72.3854, 0.3939, 0.4025 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, 144) }
```

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

```
.border{ border-color:rgb(255, 216, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3854, 0.3939, 0.4025 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
216, 144) }
```

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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