

Converting Colors

$Y_{xy}(72.2908, 0.4079, 0.4239)$

Have a look what the booklet for
Yxy(72.2908, 0.4079, 0.4239)
contains.

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Color

Yxy(72.2908, 0.4079, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	FFD97A
RGB	255, 217, 122
RGB Percent	100%, 85%, 48%
CMY	0.0000, 0.1490, 0.5217
CMYK	0.00, 0.15, 0.52, 0.00
HSL	43°, 100%, 74%
HSV	43°, 52%, 100%
XYZ	69.5622, 72.2908, 28.6844
YIQ	217.5320, 53.1430, -21.4890

Conversions

Conversions Part 2

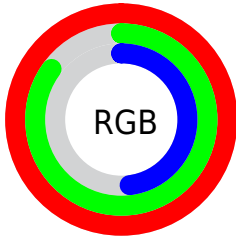
Format	Color
R_{YB}	175, 255, 122
Decimal	16767354
CIE _{Lab}	88.11, 1.85, 51.29
CIE _{LCh}	88, 51.319, 87.937
Yxy	72.2908, 0.4079, 0.4239
Android (android.graphics.Color)	4294957434 (0xFFFFD97A)
YUV	217.5320, -47.0973, 32.8594
Hunter-Lab	85.0240, -2.7526, 39.5142

Details

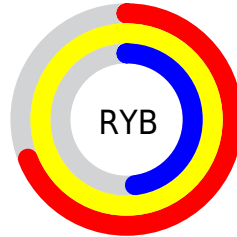
The Yxy color **72.2908, 0.4079, 0.4239** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.4752, 0.2211, 0.2088**, and the grayscale version is **70.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **38.0186, 0.4278, 0.4421** is the 20% darker color. If you saturate the color by 10%, you get **68.0720, 0.4274, 0.4385**, and if you desaturate by 10%, it is **76.8479, 0.3879, 0.4068**.

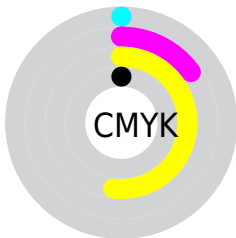
Distribution



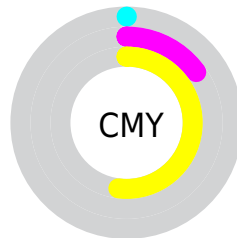
- Red (100%)
- Green (85%)
- Blue (48%)



- Red (69%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2908, 0.4079, 0.4239 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 72.2908, 0.4079, 0.4239 by changing the saturation by 10% instead.


 72.2908, 0.4079,
0.4239


 72.2908, 0.4079,
0.4239


468.5531, 0.3655,
0.3820


 53.3963, 0.4168,
0.4326


 122.4699, 0.3938,
0.4100

 38.1192, 0.4272,
0.4427


 154.5232, 0.3881,
0.4044

 26.0752, 0.4394,
0.4544


 191.7316, 0.3831,
0.3995

 16.8799, 0.4537,
0.4679

234.4794, 0.3787,
0.3952

 10.1489, 0.4696,
0.4825

283.1511, 0.3748,
0.3913

 5.4978, 0.4946,
0.5054

338.1310, 0.3714,

 2.5422, 0.4967,

0.3879

0.5033

399.8036, 0.3683,
0.3848

■ 0.8977, 0.5005,
0.4995

■ 0.0000, 0.0000,
0.0000

■ 72.2908, 0.4079,
0.4239

■ 72.2908, 0.4079,
0.4239

■ 68.0720, 0.4274,
0.4385

■ 76.8479, 0.3879,
0.4068

■ 64.1657, 0.4455,
0.4495

■ 81.7468, 0.3683,
0.3884

■ 60.5580, 0.4613,
0.4559

■ 87.0037, 0.3495,
0.3695

■ 57.2282, 0.4741,
0.4573

■ 92.6306, 0.3321,
0.3508

■ 54.7929, 0.4821,
0.4554

■ 98.6387, 0.3160,
0.3328

99.9991, 0.3127,
0.3290

Harmonies

Analogous

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



72.2908, 0.4349, 0.3834



72.2908, 0.4079, 0.4239



72.2908, 0.3565, 0.4424

Triad

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



72.2908, 0.4079, 0.4239



72.2908, 0.2106, 0.3051



72.2908, 0.3202, 0.2552

Complementary

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



72.2908, 0.4079, 0.4239



36.4752, 0.2211, 0.2088

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.



72.2908, 0.2615, 0.2352



72.2908, 0.4079, 0.4239



72.2908, 0.2033, 0.2581

Square

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



72.2908, 0.4079, 0.4239



72.2908, 0.2432, 0.3682



72.2908, 0.2207, 0.2351



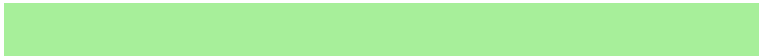
72.2908, 0.3825, 0.2909

Rectangle

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



72.2908, 0.4079, 0.4239



72.2908, 0.3162, 0.4341



72.2908, 0.2207, 0.2351



72.2908, 0.2993, 0.2466

Sweetspot

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



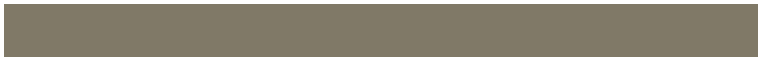
72.2942, 0.4079, 0.4239



90.4367, 0.3386, 0.3579



37.7713, 0.4176, 0.2883



19.1090, 0.3422, 0.3617



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.



72.2942, 0.4079, 0.4239



67.7401, 0.4290, 0.4396



89.4785, 0.3703, 0.4642



20.1627, 0.3276, 0.3459



28.8993, 0.4808, 0.4564



3.0005, 0.4721, 0.4633

Inverse Universe

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



36.4752, 0.2211, 0.2088



28.4382, 0.2020, 0.1789



27.4766, 0.2293, 0.1688



18.2223, 0.2979, 0.3115



6.4676, 0.1600, 0.0960



0.8065, 0.1660, 0.1177

Previews

White Background



This preview shows how the Yxy color 72.2908, 0.4079, 0.4239 looks on a white background.

Color Contrast Check

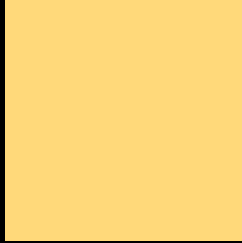
Large Text (above 18pt) WCAG AA × Fail

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 72.2908, 0.4079, 0.4239 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 72.2908, 0.4079, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 72.2908, 0.4079, 0.4239.



This preview shows how white text looks on a background with the Yxy color 72.2908, 0.4079, 0.4239.

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

72.2908, 0.4079, 0.4239

Protanopia

72.1976, 0.3958, 0.4303

Deuteranopia

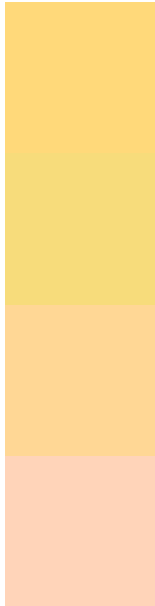
72.0335, 0.3804, 0.3806



Tritanopia

72.0814, 0.3390, 0.3169

Trichromacy



Original Color

72.2908, 0.4079, 0.4239

Protanomaly

72.3906, 0.3994, 0.4282

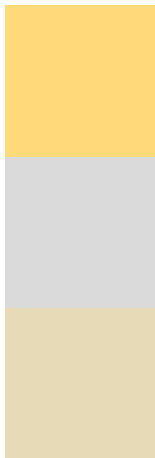
Deuteranomaly

72.0308, 0.3908, 0.3967

Tritanomaly

71.8497, 0.3654, 0.3570

Monochromacy



Original Color

72.2908, 0.4079, 0.4239

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5506, 0.3467, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2908, 0.4079, 0.4239 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 122) }
```

Border

The CSS property to change the border of an element to Yxy 72.2908, 0.4079, 0.4239 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, 122) }
```

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

```
.border{ border-color:rgb(255, 217, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 122); box-shadow:4px 4px 4px 4px rgb(255, 217, 122) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2908, 0.4079, 0.4239$ 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, 122) }
```

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

```
.background{ background-color: rgb(255,  
217, 122) }
```

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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