

Converting Colors

$Yxy(72.5575, 0.4138, 0.4437)$

Have a look what the booklet for
Yxy(72.5575, 0.4138, 0.4437)
contains.

Yxy(72.6749, 0.4141, 0.4437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6749, 0.4141, 0.4437)

Conversions

Conversions Part 1

Format	Color
Hex	FBDC67
RGB	251, 220, 103
RGB Percent	98%, 86%, 40%
CMY	0.0157, 0.1372, 0.5960
CMYK	0.00, 0.12, 0.59, 0.02
HSL	47°, 95%, 69%
HSV	47°, 59%, 98%
XYZ	67.8266, 72.6749, 23.2913
YIQ	215.9310, 56.0330, -29.8150

Conversions

Conversions Part 2

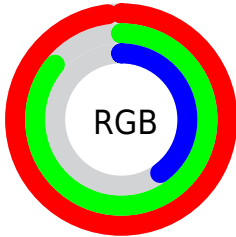
Format	Color
RYB	142, 251, 103
Decimal	16505959
CIELab	88.29, -2.73, 60.20
CIELCh	88, 60.264, 92.592
Yxy	72.6749, 0.4141, 0.4437
Android (android.graphics.Color)	4294696039 (0xFFFFBDC67)
YUV	215.9310, -55.6750, 30.7555
Hunter-Lab	85.2496, -7.1678, 43.4759

Details

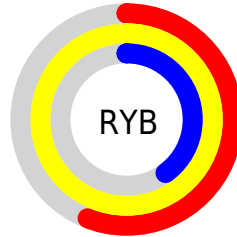
The Yxy color **72.6749, 0.4141, 0.4437** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **26.9075, 0.2058, 0.1756**, and the grayscale version is **68.9817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **38.2084, 0.4323, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **69.5307, 0.4300, 0.4572**, and if you desaturate by 10%, it is **76.0640, 0.3967, 0.4269**.

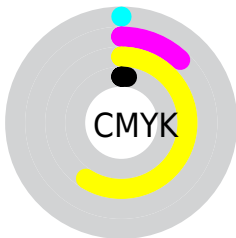
Distribution



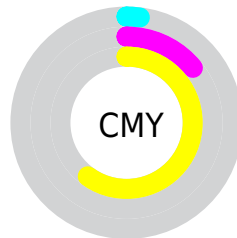
- Red (98%)
- Green (86%)
- Blue (40%)



- Red (56%)
- Yellow (98%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (59%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6749, 0.4141, 0.4437 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 72.6749, 0.4141, 0.4437 by changing the saturation by 10% instead.


 72.6749, 0.4141,
0.4437


 72.6749, 0.4141,
0.4437


469.8873, 0.3702,
0.3934

 53.7102, 0.4228,
0.4539


 123.0156, 0.3999,
0.4272

 38.3700, 0.4326,
0.4655


 155.1603, 0.3940,
0.4205

 26.2700, 0.4436,
0.4788


 192.4672, 0.3889,
0.4146

 17.0257, 0.4553,
0.4934

 235.3206, 0.3843,
0.4093

 10.2528, 0.4688,
0.5109

284.1049, 0.3802,
0.4047

 5.5669, 0.4765,
0.5235

339.2045, 0.3765,

 2.5836, 0.4734,

0.4005

0.5266

401.0039, 0.3732,
0.3967

■ 0.9184, 0.4674,
0.5326

■ 0.0000, 0.0000,
0.0000

■ 72.6749, 0.4141,
0.4437

■ 72.6749, 0.4141,
0.4437

■ 69.5307, 0.4300,
0.4572

■ 76.0640, 0.3967,
0.4269

■ 66.6063, 0.4435,
0.4664

■ 79.7008, 0.3787,
0.4079

■ 63.8879, 0.4543,
0.4708

■ 83.6005, 0.3606,
0.3876

■ 61.3499, 0.4621,
0.4708

■ 87.7739, 0.3431,
0.3669

61.0914, 0.4629,
0.4707

92.2311, 0.3265,
0.3465

96.9814, 0.3112,
0.3270

99.2495, 0.3102,
0.3290

Harmonies

Analogous

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



72.6749, 0.4523, 0.3976



72.6749, 0.4141, 0.4437



72.6749, 0.3512, 0.4626

Triad

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



72.6749, 0.4141, 0.4437



72.6749, 0.1920, 0.2895



72.6749, 0.3324, 0.2496

Complementary

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



72.6749, 0.4141, 0.4437



26.9075, 0.2058, 0.1756

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.



72.6749, 0.2622, 0.2238



72.6749, 0.4141, 0.4437



72.6749, 0.1886, 0.2402

Square

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



72.6749, 0.4141, 0.4437



72.6749, 0.2240, 0.3628



72.6749, 0.2124, 0.2194



72.6749, 0.4045, 0.2919

Rectangle

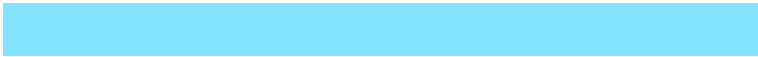
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6749, 0.4141, 0.4437



72.6749, 0.3043, 0.4488



72.6749, 0.2124, 0.2194



72.6749, 0.3076, 0.2389

Sweetspot

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



72.6783, 0.4141, 0.4437



91.4065, 0.3415, 0.3650



31.9675, 0.4559, 0.2973



19.2870, 0.3465, 0.3710



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.



72.6783, 0.4141, 0.4437



71.4179, 0.4330, 0.4595



83.5416, 0.3669, 0.4845



19.5371, 0.3274, 0.3476



32.3299, 0.4620, 0.4714



3.1436, 0.4559, 0.4762

Inverse Universe

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



26.9075, 0.2058, 0.1756



20.2347, 0.1851, 0.1405



22.6868, 0.2255, 0.1508



17.2320, 0.2979, 0.3097



5.1471, 0.1559, 0.0811



0.6223, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 72.6749, 0.4141, 0.4437 looks on a white background.

Color Contrast Check

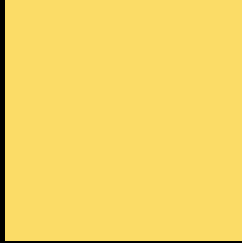
Large Text (above 18pt) WCAG AA × Fail

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 72.6749, 0.4141, 0.4437 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 72.6749, 0.4141, 0.4437

Background



This preview shows how black text looks on a background with the Yxy color 72.6749, 0.4141, 0.4437.

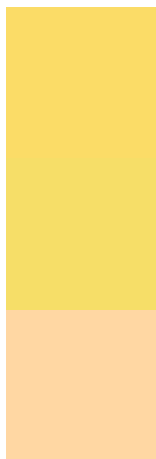


This preview shows how white text looks on a background with the Yxy color 72.6749, 0.4141, 0.4437.

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

72.6749, 0.4141, 0.4437

Protanopia

72.8349, 0.4085, 0.4466

Deuteranopia

72.5052, 0.3807, 0.3826



Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.6749, 0.4141, 0.4437

Protanomaly

72.6688, 0.4106, 0.4449

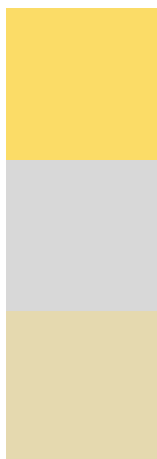
Deuteranomaly

72.6196, 0.3947, 0.4066

Tritanomaly

72.4186, 0.3685, 0.3653

Monochromacy



Original Color

72.6749, 0.4141, 0.4437

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.3789, 0.3510, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6749, 0.4141, 0.4437 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(251, 220, 103)` looks like.

```
.text, #text, p{  
    color:rgb(251, 220, 103)  
}
```

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(251, 220, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 103) }
```

Border

The CSS property to change the border of an element to Yxy 72.6749, 0.4141, 0.4437 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(251, 220, 103) }
```

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

```
.border{ border-color:rgb(251, 220, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 220, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 220, 103);  
box-shadow:4px 4px 4px 4px rgb(251, 220,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6749, 0.4141, 0.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 103) }
```

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

```
.background{ background-color: rgb(251,  
220, 103) }
```

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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