

Converting Colors

$Yxy(70.2538, 0.4073, 0.4329)$

Have a look what the booklet for
Yxy(70.2538, 0.4073, 0.4329)
contains.

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Color

Yxy(70.1008, 0.4070, 0.4327)

Conversions

Conversions Part 1

Format	Color
Hex	F7D872
RGB	247, 216, 114
RGB Percent	97%, 85%, 45%
CMY	0.0316, 0.1528, 0.5530
CMYK	0.00, 0.13, 0.54, 0.03
HSL	46°, 89%, 71%
HSV	46°, 54%, 97%
XYZ	65.9372, 70.1008, 25.9699
YIQ	213.6410, 51.2180, -25.1500

Conversions

Conversions Part 2

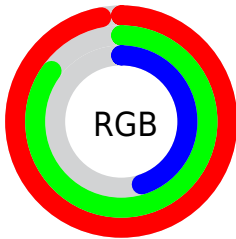
Format	Color
RYB	154, 247, 114
Decimal	16242802
CIELab	87.05, -1.54, 53.63
CIElCh	87, 53.656, 91.647
Yxy	70.1008, 0.4070, 0.4327
Android (android.graphics.Color)	4294432882 (0xFFFF7D872)
YUV	213.6410, -49.1230, 29.2558
Hunter-Lab	83.7262, -5.9462, 40.2180

Details

The Yxy color **70.1008, 0.4070, 0.4327** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.5123, 0.2163, 0.1951**, and the grayscale version is **67.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **36.5289, 0.4258, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **66.7234, 0.4245, 0.4476**, and if you desaturate by 10%, it is **73.7395, 0.3886, 0.4150**.

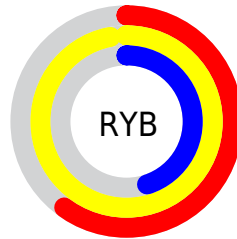
Distribution



Red (97%)

Green (85%)

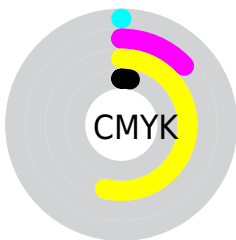
Blue (45%)



Red (60%)

Yellow (97%)

Blue (45%)

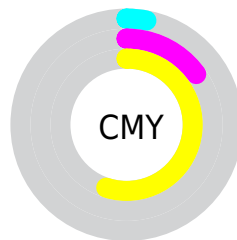


Cyan (0%)

Magenta (13%)

Yellow (54%)

Black (3%)



Cyan (3%)

Magenta (15%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1008, 0.4070, 0.4327 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 70.1008, 0.4070, 0.4327 by changing the saturation by 10% instead.


 70.1008, 0.4070,
0.4327


 70.1008, 0.4070,
0.4327


460.9039, 0.3652,
0.3864

 51.6087, 0.4156,
0.4423

 119.3525, 0.3932,
0.4173

 36.6933, 0.4256,
0.4536


 150.8809, 0.3876,
0.4111

 24.9701, 0.4371,
0.4667


 187.5235, 0.3827,
0.4057

 16.0548, 0.4501,
0.4817

229.6648, 0.3784,
0.4009

 9.5629, 0.4642,
0.4984

277.6890, 0.3745,
0.3966

 5.1101, 0.4811,
0.5189

331.9807, 0.3711,

 2.3120, 0.4791,

0.3929

0.5209

392.9242, 0.3680,
0.3895

0.7801, 0.4743,
0.5257

0.0000, 0.0000,
0.0000

70.1008, 0.4070,
0.4327

70.1008, 0.4070,
0.4327

66.7234, 0.4245,
0.4476

73.7395, 0.3886,
0.4150

63.5838, 0.4402,
0.4588


77.6417, 0.3700,
0.3957


60.6697, 0.4533,
0.4654

81.8217, 0.3518,
0.3756


57.9623, 0.4635,
0.4671

86.2900, 0.3346,
0.3556

 56.3817, 0.4685,
0.4662

 91.0559, 0.3185,
0.3362

 95.6592, 0.3079,
0.3246

 98.5051, 0.3078,
0.3290

Harmonies

Analogous

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



70.1008, 0.4398, 0.3915



70.1008, 0.4070, 0.4327



70.1008, 0.3506, 0.4490

Triad

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



70.1008, 0.4070, 0.4327



70.1008, 0.2031, 0.2959



70.1008, 0.3288, 0.2554

Complementary

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



70.1008, 0.4070, 0.4327



30.5123, 0.2163, 0.1951

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.



70.1008, 0.2654, 0.2322



70.1008, 0.4070, 0.4327



70.1008, 0.1988, 0.2497

Square

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



70.1008, 0.4070, 0.4327



70.1008, 0.2338, 0.3619



70.1008, 0.2201, 0.2292



70.1008, 0.3937, 0.2942

Rectangle

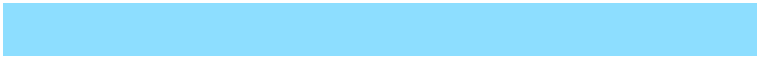
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1008, 0.4070, 0.4327



70.1008, 0.3080, 0.4368



70.1008, 0.2201, 0.2292



70.1008, 0.3064, 0.2457

Sweetspot

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



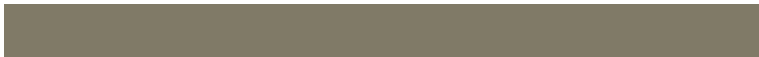
70.1041, 0.4070, 0.4327



91.7395, 0.3383, 0.3600



33.8411, 0.4338, 0.2968



19.4214, 0.3418, 0.3641



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.



70.1041, 0.4070, 0.4327



71.3277, 0.4266, 0.4493



81.6275, 0.3653, 0.4712



18.6218, 0.3274, 0.3471



30.0592, 0.4675, 0.4670



2.7966, 0.4602, 0.4728

Inverse Universe

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



30.5123, 0.2163, 0.1951



24.7426, 0.1961, 0.1623



25.1749, 0.2330, 0.1663



16.5521, 0.2979, 0.3103



5.3009, 0.1571, 0.0854



0.6167, 0.1633, 0.1080

Previews

White Background



This preview shows how the Yxy color 70.1008, 0.4070, 0.4327 looks on a white background.

Color Contrast Check

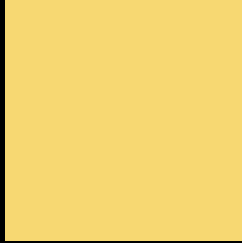
Large Text (above 18pt) WCAG AA × Fail

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 70.1008, 0.4070, 0.4327 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 70.1008, 0.4070, 0.4327

Background



This preview shows how black text looks on a background with the Yxy color 70.1008, 0.4070, 0.4327.



This preview shows how white text looks on a background with the Yxy color 70.1008, 0.4070, 0.4327.

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

70.1008, 0.4070, 0.4327

Protanopia

70.0814, 0.4006, 0.4356

Deuteranopia

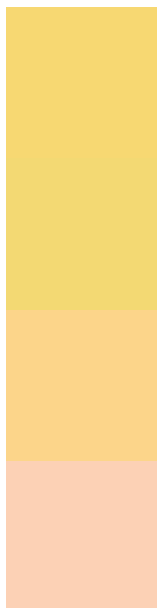
70.1155, 0.3903, 0.3898



Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.1008, 0.4070, 0.4327

Protanomaly

69.9182, 0.4027, 0.4340

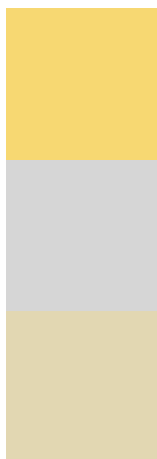
Deuteranomaly

70.1189, 0.3970, 0.4062

Tritanomaly

69.6326, 0.3669, 0.3583

Monochromacy



Original Color

70.1008, 0.4070, 0.4327

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9840, 0.3470, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1008, 0.4070, 0.4327 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(247, 216, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 114)  
}
```

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(247, 216, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 114) }
```

Border

The CSS property to change the border of an element to Yxy 70.1008, 0.4070, 0.4327 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(247, 216, 114) }
```

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

```
.border{ border-color:rgb(247, 216, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 216, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1008, 0.4070, 0.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 114) }
```

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

```
.background{ background-color: rgb(247,  
216, 114) }
```

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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