

Converting Colors

$Yxy(66.4564, 0.3990, 0.4064)$

Have a look what the booklet for
Yxy(66.4564, 0.3990, 0.4064)
contains.

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Color

Yxy(66.6071, 0.3982, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	F7D086
RGB	247, 208, 134
RGB Percent	97%, 82%, 53%
CMY	0.0312, 0.1844, 0.4745
CMYK	0.00, 0.16, 0.46, 0.03
HSL	39°, 88%, 75%
HSV	39°, 46%, 97%
XYZ	65.2311, 66.6071, 31.9767
YIQ	211.2250, 46.9980, -14.7460

Conversions

Conversions Part 2

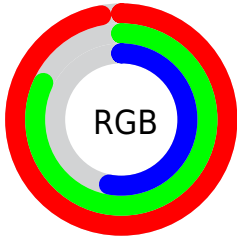
Format	Color
R_{YB}	194, 247, 134
Decimal	16240774
CIE _{Lab}	85.31, 4.38, 41.72
CIE _{LCh}	85, 41.953, 84.011
Yxy	66.6071, 0.3982, 0.4066
Android (android.graphics.Color)	4294430854 (0xFFFF7D086)
YUV	211.2250, -38.0719, 31.3747
Hunter-Lab	81.6132, -0.1532, 33.8990

Details

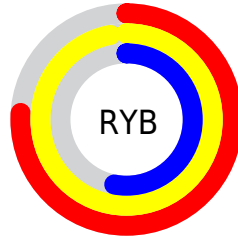
The Yxy color **66.6071, 0.3982, 0.4066** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.7056, 0.2347, 0.2354**, and the grayscale version is **65.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **34.5546, 0.4174, 0.4229** is the 20% darker color. If you saturate the color by 10%, you get **61.9478, 0.4199, 0.4217**, and if you desaturate by 10%, it is **71.6579, 0.3770, 0.3898**.

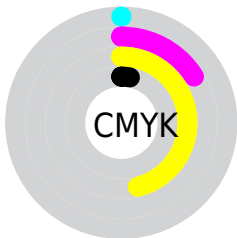
Distribution



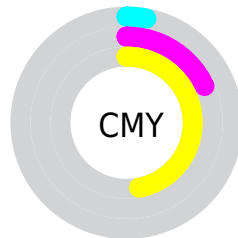
- Red (97%)
- Green (82%)
- Blue (53%)



- Red (76%)
- Yellow (97%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6071, 0.3982, 0.4066 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 66.6071, 0.3982, 0.4066 by changing the saturation by 10% instead.

 66.6071, 0.3982,
0.4066

 66.6071, 0.3982,
0.4066


448.5450, 0.3588,
0.3716


 48.7654, 0.4069,
0.4141


 114.3572, 0.3847,
0.3948

 34.4334, 0.4174,
0.4231


 145.0345, 0.3794,
0.3901

 23.2268, 0.4301,
0.4337


 180.7590, 0.3748,
0.3860

 14.7610, 0.4458,
0.4464

221.9152, 0.3708,
0.3824

 8.6518, 0.4648,
0.4611

268.8875, 0.3673,
0.3792

 4.5148, 0.4982,
0.4874

322.0603, 0.3641,

 1.9655, 0.5112,

0.3764

0.4888

381.8180, 0.3613,
0.3738

■ 0.5873, 0.5310,
0.4690

■ 0.0000, 0.0000,
0.0000

■ 66.6071, 0.3982,
0.4066

■ 66.6071, 0.3982,
0.4066

■ 61.9478, 0.4199,
0.4217

■ 71.6579, 0.3770,
0.3898

■ 57.6556, 0.4413,
0.4341

■ 77.1043, 0.3570,
0.3724

■ 53.7172, 0.4613,
0.4425

■ 82.9624, 0.3385,
0.3551

■ 50.1141, 0.4788,
0.4461

■ 89.2441, 0.3216,
0.3383

■ 46.8237, 0.4930,
0.4444

■ 95.7961, 0.3079,
0.3248

■ 45.5087, 0.4983,
0.4426

■ 98.5237, 0.3078,
0.3290

Harmonies

Analogous

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



66.6071, 0.4166, 0.3717



66.6071, 0.3982, 0.4066



66.6071, 0.3572, 0.4235

Triad

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



66.6071, 0.3982, 0.4066



66.6071, 0.2282, 0.3163



66.6071, 0.3125, 0.2626

Complementary

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



66.6071, 0.3982, 0.4066



41.7056, 0.2347, 0.2354

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.



66.6071, 0.2639, 0.2475



66.6071, 0.3982, 0.4066



66.6071, 0.2185, 0.2737

Square

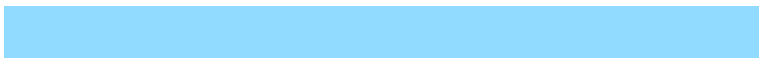
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6071, 0.3982, 0.4066



66.6071, 0.2593, 0.3687



66.6071, 0.2310, 0.2505



66.6071, 0.3652, 0.2922

Rectangle

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



66.6071, 0.3982, 0.4066



66.6071, 0.3234, 0.4186



66.6071, 0.2310, 0.2505



66.6071, 0.2951, 0.2558

Sweetspot

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



66.6102, 0.3982, 0.4066



90.2894, 0.3354, 0.3521



39.8770, 0.3920, 0.2868



19.0226, 0.3392, 0.3558



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.



66.6102, 0.3982, 0.4066



66.8902, 0.4185, 0.4208



85.1140, 0.3685, 0.4465



18.2930, 0.3277, 0.3444



24.3320, 0.4966, 0.4439



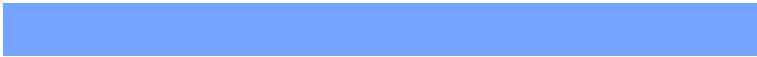
2.3298, 0.4844, 0.4536

Inverse Universe

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



41.7056, 0.2347, 0.2354



37.1205, 0.2183, 0.2120



30.3488, 0.2375, 0.1893



16.8632, 0.2980, 0.3131



7.2560, 0.1642, 0.1110



0.8220, 0.1711, 0.1358

Previews

White Background



This preview shows how the Yxy color 66.6071, 0.3982, 0.4066 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 66.6071, 0.3982, 0.4066 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 66.6071, 0.3982, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 66.6071, 0.3982, 0.4066.



This preview shows how white text looks on a background with the Yxy color 66.6071, 0.3982, 0.4066.

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

66.6071, 0.3982, 0.4066

Protanopia

66.5219, 0.3823, 0.4134

Deuteranopia

66.3688, 0.4015, 0.3940



Tritanopia

66.5032, 0.3460, 0.3127

Trichromacy



Original Color

66.6071, 0.3982, 0.4066

Protanomaly

66.3423, 0.3879, 0.4111

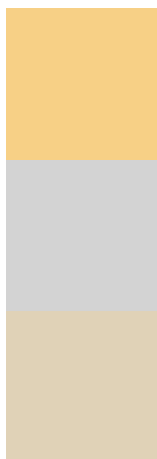
Deuteranomaly

66.1931, 0.4008, 0.3986

Tritanomaly

66.4393, 0.3657, 0.3470

Monochromacy



Original Color

66.6071, 0.3982, 0.4066

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3594, 0.3428, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6071, 0.3982, 0.4066 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, 208, 134)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 134)  
}
```

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, 208, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 134) }
```

Border

The CSS property to change the border of an element to Yxy 66.6071, 0.3982, 0.4066 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, 208, 134) }
```

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

```
.border{ border-color:rgb(247, 208, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 208, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 208, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 208, 134); box-shadow:4px 4px 4px 4px rgb(247, 208, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6071, 0.3982, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 134) }
```

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

```
.background{ background-color: rgb(247,  
208, 134) }
```

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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