

Converting Colors

$Yxy(69.3839, 0.3976, 0.3984)$

Have a look what the booklet for
Yxy(69.3839, 0.3976, 0.3984)
contains.

Yxy(69.3062, 0.3980, 0.3988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.3062, 0.3980, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	FFD28E
RGB	255, 210, 142
RGB Percent	100%, 82%, 56%
CMY	0.0000, 0.1764, 0.4432
CMYK	0.00, 0.18, 0.44, 0.00
HSL	36°, 100%, 78%
HSV	36°, 44%, 100%
XYZ	69.1672, 69.3062, 35.3135
YIQ	215.7030, 48.6480, -11.6080

Conversions

Conversions Part 2

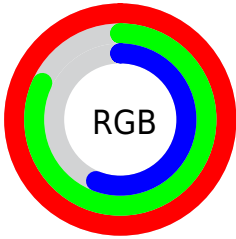
Format	Color
R _Y B	217, 255, 142
Decimal	16765582
CIE Lab	86.66, 7.26, 39.58
CIE LCh	87, 40.240, 79.613
Yxy	69.3062, 0.3980, 0.3988
Android (android.graphics.Color)	4294955662 (0xFFFFD28E)
YUV	215.7030, -36.3356, 34.4635
Hunter-Lab	83.2503, 2.6157, 33.1254

Details

The Yxy color **69.3062, 0.3980, 0.3988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.4954, 0.2385, 0.2462**, and the grayscale version is **68.6844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **36.2680, 0.4163, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **63.7746, 0.4213, 0.4131**, and if you desaturate by 10%, it is **75.3374, 0.3757, 0.3831**.

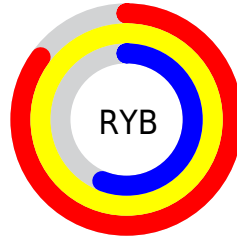
Distribution



Red (100%)

Green (82%)

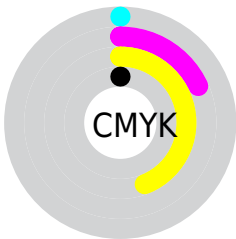
Blue (56%)



Red (85%)

Yellow (100%)

Blue (56%)

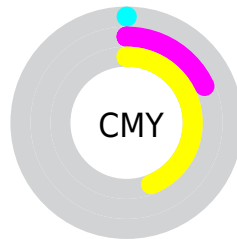


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3062, 0.3980, 0.3988 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 69.3062, 0.3980, 0.3988 by changing the saturation by 10% instead.

 69.3062, 0.3980,
0.3988


 69.3062, 0.3980,
0.3988


458.1102, 0.3587,
0.3677

 50.9611, 0.4067,
0.4054


 118.2188, 0.3845,
0.3884

 36.1777, 0.4172,
0.4132


 149.5551, 0.3792,
0.3842

 24.5714, 0.4302,
0.4226

185.9907, 0.3747,
0.3806

 15.7581, 0.4463,
0.4336

227.9098, 0.3707,
0.3774

 9.3531, 0.4663,
0.4464

275.6969, 0.3671,
0.3745

 4.9722, 0.4949,
0.4636

329.7364, 0.3640,

 2.2310, 0.5250,

0.3720

0.4750

390.4127, 0.3612,
0.3697

0.7368, 0.5437,
0.4563

0.0000, 0.0000,
0.0000

69.3062, 0.3980,
0.3988

69.3062, 0.3980,
0.3988

63.7746, 0.4213,
0.4131

75.3374, 0.3757,
0.3831

58.7150, 0.4449,
0.4249

81.8751, 0.3551,
0.3668

54.1108, 0.4676,
0.4329

88.9382, 0.3363,
0.3508

49.9401, 0.4880,
0.4361

96.5415, 0.3194,
0.3354

■ 46.1771, 0.5050, 99.9996, 0.3127,
0.4338 0.3290

■ 44.2037, 0.5134,
0.4305

Harmonies

Analogous

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



69.3062, 0.4113, 0.3644



69.3062, 0.3980, 0.3988



69.3062, 0.3617, 0.4176

Triad

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



69.3062, 0.3980, 0.3988



69.3062, 0.2356, 0.3242



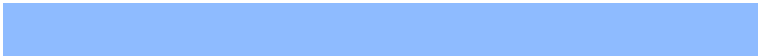
69.3062, 0.3053, 0.2627

Complementary

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



69.3062, 0.3980, 0.3988



48.4954, 0.2385, 0.2462

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.



69.3062, 0.2608, 0.2507



69.3062, 0.3980, 0.3988



69.3062, 0.2231, 0.2817

Square

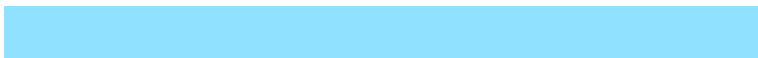
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3062, 0.3980, 0.3988



69.3062, 0.2680, 0.3734



69.3062, 0.2320, 0.2565



69.3062, 0.3555, 0.2892

Rectangle

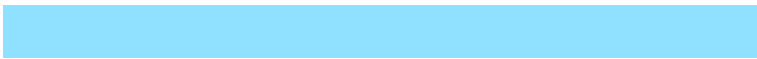
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3062, 0.3980, 0.3988



69.3062, 0.3303, 0.4157



69.3062, 0.2320, 0.2565



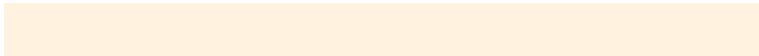
69.3062, 0.2892, 0.2569

Sweetspot

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



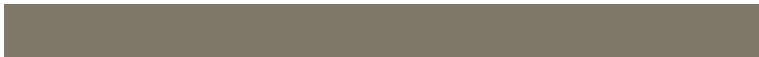
69.3095, 0.3980, 0.3988



89.9136, 0.3339, 0.3487



44.1948, 0.3825, 0.2822



18.8983, 0.3379, 0.3522



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.



69.3095, 0.3980, 0.3988



64.4798, 0.4182, 0.4114



92.6499, 0.3709, 0.4415



19.8062, 0.3279, 0.3433



23.3977, 0.5114, 0.4321



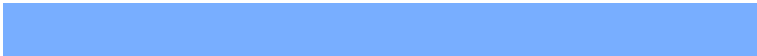
2.4919, 0.4981, 0.4427

Inverse Universe

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



48.4954, 0.2385, 0.2462



41.3388, 0.2237, 0.2264



33.3588, 0.2363, 0.1927



18.5642, 0.2979, 0.3143



8.9594, 0.1681, 0.1253



1.0788, 0.1744, 0.1476

Previews

White Background



This preview shows how the Yxy color 69.3062, 0.3980, 0.3988 looks on a white background.

Color Contrast Check

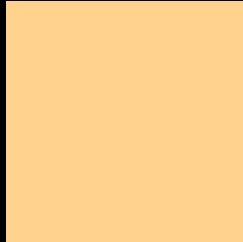
Large Text (above 18pt) WCAG AA × Fail

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 69.3062, 0.3980, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

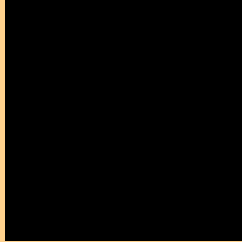
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3062, 0.3980, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 69.3062, 0.3980, 0.3988.



This preview shows how white text looks on a background with the Yxy color 69.3062, 0.3980, 0.3988.

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

69.3062, 0.3980, 0.3988

Protanopia

69.3322, 0.3769, 0.4071

Deuteranopia

69.2612, 0.3882, 0.3839



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.3062, 0.3980, 0.3988

Protanomaly

68.9840, 0.3844, 0.4036

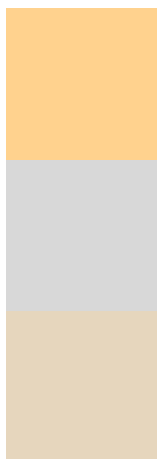
Deuteranomaly

69.0953, 0.3919, 0.3889

Tritanomaly

69.0767, 0.3639, 0.3467

Monochromacy



Original Color

69.3062, 0.3980, 0.3988

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5903, 0.3424, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3062, 0.3980, 0.3988 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, 210, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 142)  
}
```

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, 210, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 142) }
```

Border

The CSS property to change the border of an element to Yxy 69.3062, 0.3980, 0.3988 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, 210, 142) }
```

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

```
.border{ border-color:rgb(255, 210, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3062, 0.3980, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 142) }
```

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

```
.background{ background-color: rgb(255,  
210, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor