

Converting Colors

$Y_{xy}(100.0000, 0.4835, 0.3747)$

Have a look what the booklet for
Yxy(100.0000, 0.4835, 0.3747)
contains.

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Color

Yxy(69.2763, 0.3987, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	FFD28D
RGB	255, 210, 141
RGB Percent	100%, 82%, 55%
CMY	0.0000, 0.1765, 0.4469
CMYK	0.00, 0.18, 0.45, 0.00
HSL	36°, 100%, 78%
HSV	36°, 45%, 100%
XYZ	69.1030, 69.2763, 34.9415
YIQ	215.5890, 48.9690, -11.9190

Conversions

Conversions Part 2

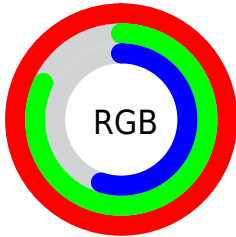
Format	Color
R _Y B	215, 255, 141
Decimal	16765581
CIE Lab	86.64, 7.18, 40.04
CIE LCh	87, 40.678, 79.834
Yxy	69.2763, 0.3987, 0.3997
Android (android.graphics.Color)	4294955661 (0xFFFFD28D)
YUV	215.5890, -36.7724, 34.5634
Hunter-Lab	83.2324, 2.5414, 33.3724

Details

The Yxy color **69.2763, 0.3987, 0.3997** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.0201, 0.2377, 0.2449**, and the grayscale version is **68.6048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **36.2509, 0.4171, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **63.7841, 0.4219, 0.4140**, and if you desaturate by 10%, it is **75.2534, 0.3764, 0.3839**.

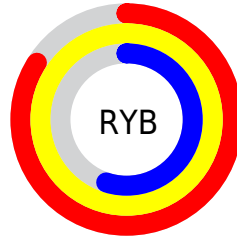
Distribution



Red (100%)

Green (82%)

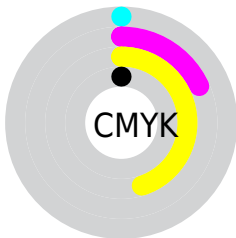
Blue (55%)



Red (84%)

Yellow (100%)

Blue (55%)

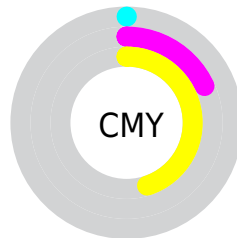


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2763, 0.3987, 0.3997 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 69.2763, 0.3987, 0.3997 by changing the saturation by 10% instead.


 69.2763, 0.3987,
0.3997

 69.2763, 0.3987,
0.3997


458.0049, 0.3591,
0.3682

 50.9368, 0.4075,
0.4064

 118.1761, 0.3851,
0.3891

 36.1583, 0.4181,
0.4143


 149.5052, 0.3798,
0.3849

 24.5565, 0.4311,
0.4237


185.9329, 0.3752,
0.3812

 15.7469, 0.4472,
0.4349

227.8437, 0.3712,
0.3780

 9.3452, 0.4672,
0.4477

275.6218, 0.3676,
0.3751

 4.9671, 0.4961,
0.4653

329.6518, 0.3645,

 2.2279, 0.5246,

0.3726

0.4754

390.3180, 0.3616,
0.3703

0.7352, 0.5433,
0.4567

0.0000, 0.0000,
0.0000

69.2763, 0.3987,
0.3997

69.2763, 0.3987,
0.3997

63.7841, 0.4219,
0.4140

75.2534, 0.3764,
0.3839

58.7631, 0.4454,
0.4258

81.7361, 0.3558,
0.3676

54.1923, 0.4678,
0.4337

88.7385, 0.3369,
0.3515

50.0497, 0.4880,
0.4367

96.2753, 0.3200,
0.3360

■ 46.3094, 0.5048, 100.0000, 0.3127,
0.4343 0.3290

■ 44.4707, 0.5125,
0.4313

Harmonies

Analogous

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



69.2763, 0.4124, 0.3650



69.2763, 0.3987, 0.3997



69.2763, 0.3618, 0.4187

Triad

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



69.2763, 0.3987, 0.3997



69.2763, 0.2346, 0.3238



69.2763, 0.3055, 0.2622

Complementary

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



69.2763, 0.3987, 0.3997



48.0201, 0.2377, 0.2449

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.



69.2763, 0.2605, 0.2499



69.2763, 0.3987, 0.3997



69.2763, 0.2222, 0.2809

Square

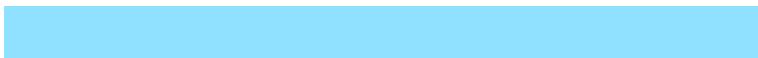
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2763, 0.3987, 0.3997



69.2763, 0.2671, 0.3736



69.2763, 0.2313, 0.2556



69.2763, 0.3563, 0.2891

Rectangle

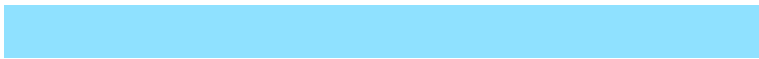
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2763, 0.3987, 0.3997



69.2763, 0.3301, 0.4166



69.2763, 0.2313, 0.2556



69.2763, 0.2892, 0.2563

Sweetspot

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



69.2749, 0.3987, 0.3997



89.9761, 0.3339, 0.3488



43.8916, 0.3834, 0.2819



18.9138, 0.3378, 0.3523



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.



69.2749, 0.3987, 0.3997



64.1489, 0.4203, 0.4131



92.6063, 0.3714, 0.4424



19.8161, 0.3279, 0.3434



23.5364, 0.5105, 0.4328



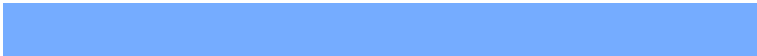
2.5049, 0.4973, 0.4433

Inverse Universe

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



48.0201, 0.2377, 0.2449



40.4052, 0.2219, 0.2235



32.9970, 0.2355, 0.1914



18.5546, 0.2979, 0.3142



8.8762, 0.1679, 0.1244



1.0701, 0.1741, 0.1467

Previews

White Background



This preview shows how the Yxy color 69.2763, 0.3987, 0.3997 looks on a white background.

Color Contrast Check

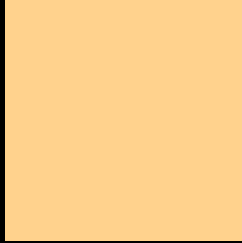
Large Text (above 18pt) WCAG AA × Fail

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 69.2763, 0.3987, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

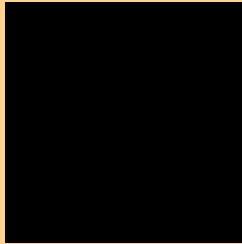
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2763, 0.3987, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 69.2763, 0.3987, 0.3997.



This preview shows how white text looks on a background with the Yxy color 69.2763, 0.3987, 0.3997.

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

69.2763, 0.3987, 0.3997

Protanopia

69.4722, 0.3784, 0.4079

Deuteranopia

69.2612, 0.3882, 0.3839



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.2763, 0.3987, 0.3997

Protanomaly

69.1310, 0.3859, 0.4044

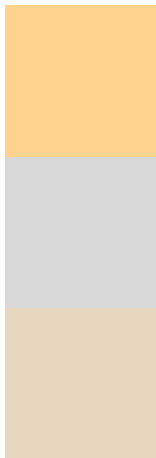
Deuteranomaly

69.0953, 0.3919, 0.3889

Tritanomaly

69.0767, 0.3639, 0.3467

Monochromacy



Original Color

69.2763, 0.3987, 0.3997

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 69.2763, 0.3987, 0.3997 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 141) }
```

Border

The CSS property to change the border of an element to Yxy 69.2763, 0.3987, 0.3997 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, 141) }
```

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

```
.border{ border-color:rgb(255, 210, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 141); box-shadow:4px 4px 4px 4px rgb(255, 210, 141) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 69.2763, 0.3987, 0.3997$ 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
210, 141) }
```

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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