

Converting Colors

$Yxy(69.0925, 0.3659, 0.3735)$

Have a look what the booklet for
Yxy(69.0925, 0.3659, 0.3735)
contains.

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Color

Yxy(68.9045, 0.3656, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4AB
RGB	242, 212, 171
RGB Percent	95%, 83%, 67%
CMY	0.0508, 0.1686, 0.3295
CMYK	0.00, 0.12, 0.29, 0.05
HSL	35°, 73%, 81%
HSV	35°, 29%, 95%
XYZ	67.5194, 68.9045, 48.2572
YIQ	216.2960, 31.0410, -6.3910

Conversions

Conversions Part 2

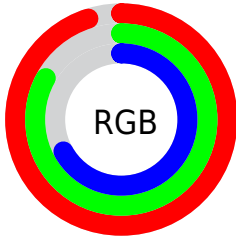
Format	Color
R _Y B	223, 242, 171
Decimal	15914155
CIE Lab	86.46, 4.51, 24.16
CIE LCh	86, 24.581, 79.424
Yxy	68.9045, 0.3656, 0.3731
Android (android.graphics.Color)	4294104235 (0xFFF2D4AB)
YUV	216.2960, -22.3309, 22.5424
Hunter-Lab	83.0087, -0.0732, 23.6379

Details

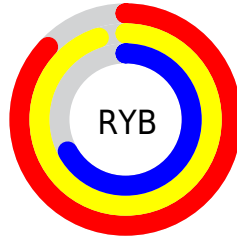
The Yxy color **68.9045, 0.3656, 0.3731** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8502, 0.2649, 0.2804**, and the grayscale version is **69.0241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **36.0999, 0.3775, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **63.1130, 0.3875, 0.3885**, and if you desaturate by 10%, it is **75.1955, 0.3456, 0.3576**.

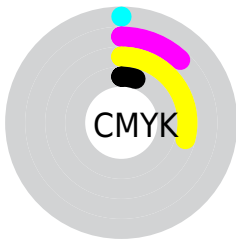
Distribution



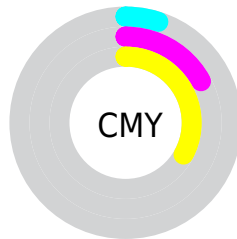
- Red (95%)
- Green (83%)
- Blue (67%)



- Red (87%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (5%)




- Cyan (5%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9045, 0.3656, 0.3731 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 68.9045, 0.3656, 0.3731 by changing the saturation by 10% instead.


 68.9045, 0.3656,
0.3731

 68.9045, 0.3656,
0.3731

456.6941, 0.3409,
0.3529

 50.6339, 0.3713,
0.3776


 117.6452, 0.3570,
0.3661

 35.9174, 0.3782,
0.3832


148.8841, 0.3537,
0.3634

 24.3704, 0.3871,
0.3901


185.2145, 0.3508,
0.3611

 15.6086, 0.3985,
0.3989

227.0209, 0.3483,
0.3590

 9.2476, 0.4138,
0.4103

274.6877, 0.3461,
0.3572

 4.9030, 0.4351,
0.4256

328.5992, 0.3442,

 2.1905, 0.4796,

0.3556

0.4588

389.1399, 0.3424,
0.3542

0.7148, 0.5248,
0.4752

0.0000, 0.0000,
0.0000

68.9045, 0.3656,
0.3731

68.9045, 0.3656,
0.3731

63.1130, 0.3875,
0.3885

75.1955, 0.3456,
0.3576

57.7964, 0.4110,
0.4031

81.9909, 0.3277,
0.3425

52.9416, 0.4354,
0.4158

89.3075, 0.3118,
0.3281

48.5310, 0.4597,
0.4254

96.3066, 0.3048,
0.3270

■ 44.5452, 0.4826,
0.4306

■ 97.6236, 0.3048,
0.3290

■ 40.9622, 0.5027,
0.4306

■ 37.7512, 0.5193,
0.4255

■ 37.5560, 0.5203,
0.4251

Harmonies

Analogous

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



68.9045, 0.3728, 0.3526



68.9045, 0.3656, 0.3731



68.9045, 0.3440, 0.3828

Triad

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



68.9045, 0.3656, 0.3731



68.9045, 0.2646, 0.3273



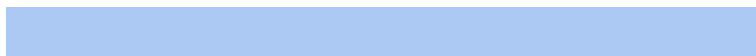
68.9045, 0.3085, 0.2867

Complementary

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



68.9045, 0.3656, 0.3731



56.8502, 0.2649, 0.2804

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.



68.9045, 0.2805, 0.2793



68.9045, 0.3656, 0.3731



68.9045, 0.2561, 0.3010

Square

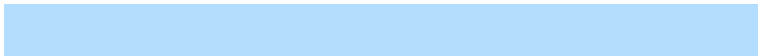
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9045, 0.3656, 0.3731



68.9045, 0.2857, 0.3558



68.9045, 0.2617, 0.2840



68.9045, 0.3390, 0.3040

Rectangle

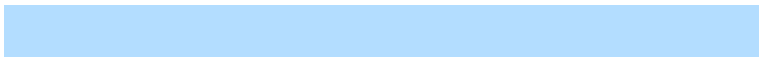
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.9045, 0.3656, 0.3731



68.9045, 0.3247, 0.3806



68.9045, 0.2617, 0.2840



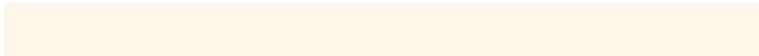
68.9045, 0.2985, 0.2830

Sweetspot

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



68.9077, 0.3656, 0.3731



92.5741, 0.3271, 0.3420



52.2543, 0.3500, 0.2958



19.5674, 0.3296, 0.3441



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.



68.9077, 0.3656, 0.3731



73.7683, 0.3780, 0.3820



84.5211, 0.3537, 0.4033



17.2743, 0.3279, 0.3426



20.4452, 0.5182, 0.4268



1.8974, 0.5016, 0.4399

Inverse Universe

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



56.8502, 0.2649, 0.2804



58.2396, 0.2551, 0.2692



44.7272, 0.2643, 0.2440



16.3272, 0.2980, 0.3150



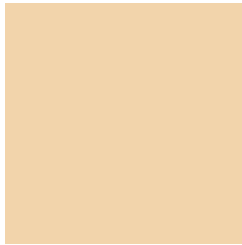
8.8387, 0.1703, 0.1331



0.9282, 0.1775, 0.1588

Previews

White Background



This preview shows how the Yxy color 68.9045, 0.3656, 0.3731 looks on a white background.

Color Contrast Check

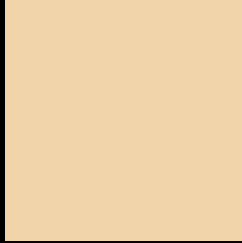
Large Text (above 18pt) WCAG AA × Fail

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 68.9045, 0.3656, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

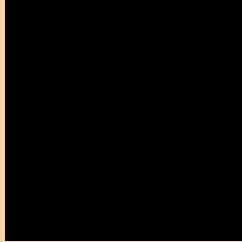
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9045, 0.3656, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 68.9045, 0.3656, 0.3731.



This preview shows how white text looks on a background with the Yxy color 68.9045, 0.3656, 0.3731.

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

68.9045, 0.3656, 0.3731

Protanopia

68.9519, 0.3535, 0.3765

Deuteranopia

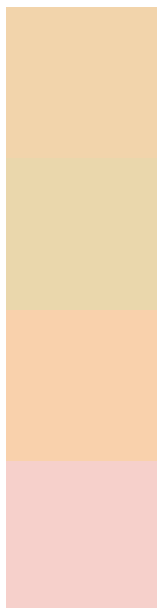
68.9730, 0.3748, 0.3667



Tritanopia

68.8396, 0.3341, 0.3126

Trichromacy



Original Color

68.9045, 0.3656, 0.3731

Protanomaly

69.0719, 0.3576, 0.3761

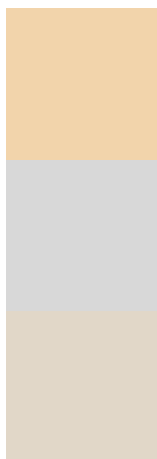
Deuteranomaly

68.7192, 0.3713, 0.3681

Tritanomaly

69.0164, 0.3456, 0.3344

Monochromacy



Original Color

68.9045, 0.3656, 0.3731

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7786, 0.3305, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9045, 0.3656, 0.3731 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(242, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 171)  
}
```

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(242, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 171) }
```

Border

The CSS property to change the border of an element to Yxy 68.9045, 0.3656, 0.3731 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(242, 212, 171) }
```

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

```
.border{ border-color:rgb(242, 212, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9045, 0.3656, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 171) }
```

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

```
.background{ background-color: rgb(242,  
212, 171) }
```

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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