

Converting Colors

$Yxy(74.1988, 0.3663, 0.3897)$

Have a look what the booklet for
Yxy(74.1988, 0.3663, 0.3897)
contains.

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Color

Yxy(74.3692, 0.3665, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFA5
RGB	242, 223, 165
RGB Percent	95%, 87%, 65%
CMY	0.0510, 0.1255, 0.3529
CMYK	0.00, 0.08, 0.32, 0.05
HSL	45°, 75%, 80%
HSV	45°, 32%, 95%
XYZ	69.7985, 74.3692, 46.2784
YIQ	222.0690, 29.9420, -14.0100

Conversions

Conversions Part 2

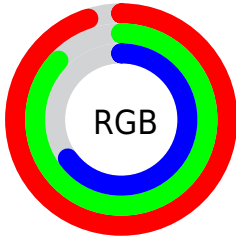
Format	Color
R _Y B	190, 242, 165
Decimal	15916965
CIE Lab	89.10, -1.90, 30.83
CIE LCh	89, 30.887, 93.533
Yxy	74.3692, 0.3665, 0.3905
Android (android.graphics.Color)	4294107045 (0xFFFF2DFA5)
YUV	222.0690, -28.1350, 17.4795
Hunter-Lab	86.2376, -6.4424, 28.5490

Details

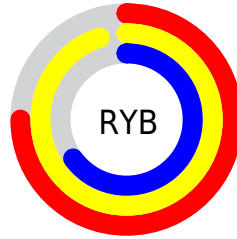
The Yxy color **74.3692, 0.3665, 0.3905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.6970, 0.2587, 0.2587**, and the grayscale version is **73.2876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **39.5118, 0.3782, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **70.4380, 0.3853, 0.4098**, and if you desaturate by 10%, it is **78.5865, 0.3484, 0.3707**.

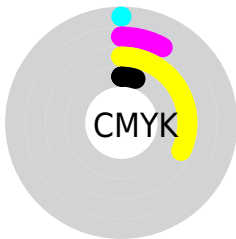
Distribution



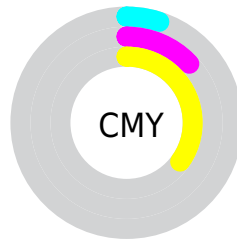
- Red (95%)
- Green (87%)
- Blue (65%)



- Red (75%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3692, 0.3665, 0.3905 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 74.3692, 0.3665, 0.3905 by changing the saturation by 10% instead.


 74.3692, 0.3665,
0.3905

 74.3692, 0.3665,
0.3905

475.7466, 0.3420,
0.3623

 55.0963, 0.3719,
0.3968


 125.4190, 0.3581,
0.3808

 39.4788, 0.3785,
0.4045


 157.9647, 0.3548,
0.3770

 27.1324, 0.3866,
0.4140


195.7035, 0.3520,
0.3737

 17.6727, 0.3968,
0.4261

239.0196, 0.3495,
0.3709

 10.7153, 0.4099,
0.4418

288.2977, 0.3473,
0.3683

 5.8757, 0.4268,
0.4625

343.9219, 0.3453,

 2.7696, 0.4650,

0.3661

0.5081

406.2767, 0.3436,
0.3641

■ 1.0127, 0.4740,
0.5260

■ 0.0000, 0.0000,
0.0000

■ 74.3692, 0.3665,
0.3905

■ 74.3692, 0.3665,
0.3905

■ 70.4380, 0.3853,
0.4098

■ 78.5865, 0.3484,
0.3707

■ 66.7720, 0.4042,
0.4276

■ 83.0896, 0.3313,
0.3512

■ 63.3633, 0.4224,
0.4429

■ 87.8909, 0.3154,
0.3323

■ 60.1990, 0.4390,
0.4548

■ 92.5525, 0.3049,
0.3210

■ 57.2645, 0.4533,
0.4621

■ 96.2614, 0.3048,
0.3269

■ 54.5426, 0.4647,
0.4646

■ 97.6177, 0.3048,
0.3290

■ 52.4511, 0.4719,
0.4635

Harmonies

Analogous

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



74.3692, 0.3848, 0.3700



74.3692, 0.3665, 0.3905



74.3692, 0.3342, 0.3945

Triad

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



74.3692, 0.3665, 0.3905



74.3692, 0.2474, 0.3102



74.3692, 0.3252, 0.2864

Complementary

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



74.3692, 0.3665, 0.3905



48.6970, 0.2587, 0.2587

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.



74.3692, 0.2883, 0.2714



74.3692, 0.3665, 0.3905



74.3692, 0.2452, 0.2830

Square

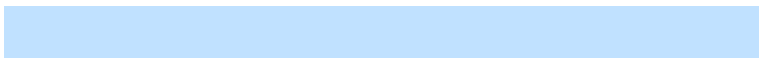
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3692, 0.3665, 0.3905



74.3692, 0.2659, 0.3457



74.3692, 0.2596, 0.2698



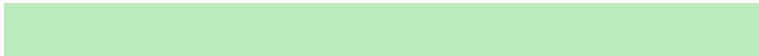
74.3692, 0.3604, 0.3112

Rectangle

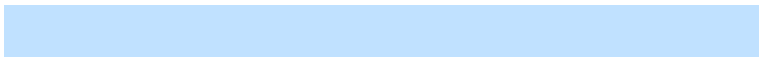
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3692, 0.3665, 0.3905



74.3692, 0.3095, 0.3857



74.3692, 0.2596, 0.2698



74.3692, 0.3125, 0.2801

Sweetspot

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



74.3726, 0.3665, 0.3905



94.5159, 0.3283, 0.3478



49.2642, 0.3674, 0.3081



20.0712, 0.3306, 0.3505



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.



74.3726, 0.3665, 0.3905



80.9339, 0.3783, 0.4027



81.8718, 0.3470, 0.4124



17.7598, 0.3274, 0.3467



28.4029, 0.4709, 0.4643



2.5179, 0.4626, 0.4709

Inverse Universe

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



48.6970, 0.2587, 0.2587



47.9595, 0.2468, 0.2420



43.5484, 0.2700, 0.2384



15.8623, 0.2980, 0.3107



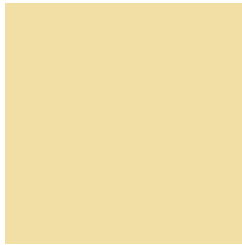
5.3440, 0.1579, 0.0882



0.5964, 0.1647, 0.1127

Previews

White Background



This preview shows how the Yxy color 74.3692, 0.3665, 0.3905 looks on a white background.

Color Contrast Check

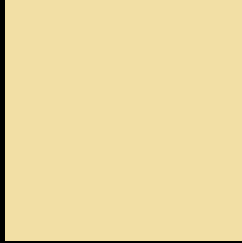
Large Text (above 18pt) WCAG AA × Fail

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 74.3692, 0.3665, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

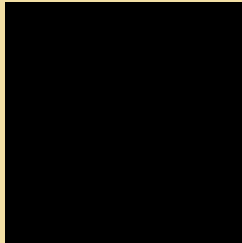
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3692, 0.3665, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 74.3692, 0.3665, 0.3905.

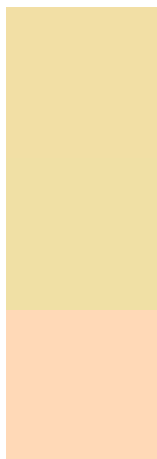


This preview shows how white text looks on a background with the Yxy color 74.3692, 0.3665, 0.3905.

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

74.3692, 0.3665, 0.3905

Protanopia

74.5532, 0.3647, 0.3918

Deuteranopia

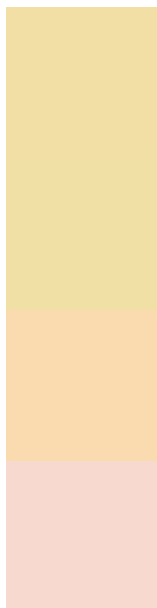
74.3046, 0.3655, 0.3640



Tritanopia

74.1866, 0.3274, 0.3118

Trichromacy



Original Color

74.3692, 0.3665, 0.3905

Protanomaly

74.7287, 0.3654, 0.3917

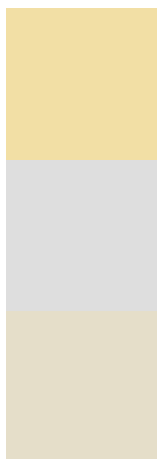
Deuteranomaly

74.1216, 0.3661, 0.3738

Tritanomaly

73.9049, 0.3419, 0.3395

Monochromacy



Original Color

74.3692, 0.3665, 0.3905

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1176, 0.3319, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3692, 0.3665, 0.3905 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, 223, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 165)  
}
```

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, 223, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 165) }
```

Border

The CSS property to change the border of an element to Yxy 74.3692, 0.3665, 0.3905 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, 223, 165) }
```

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

```
.border{ border-color:rgb(242, 223, 165) }
```

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

Here you see how a box with a 4 pixel rgb(242, 223, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3692, 0.3665, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 165) }
```

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

```
.background{ background-color: rgb(242,  
223, 165) }
```

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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