

Converting Colors

$Yxy(65.9899, 0.3691, 0.3704)$

Have a look what the booklet for
Yxy(65.9899, 0.3691, 0.3704)
contains.

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Color

Yxy(65.8470, 0.3696, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	F2CEA8
RGB	242, 206, 168
RGB Percent	95%, 81%, 66%
CMY	0.0510, 0.1921, 0.3410
CMYK	0.00, 0.15, 0.31, 0.05
HSL	31°, 74%, 80%
HSV	31°, 31%, 95%
XYZ	65.7580, 65.8470, 46.3117
YIQ	212.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

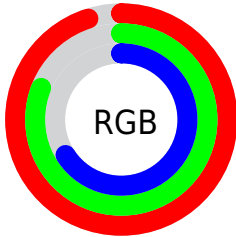
Format	Color
R _Y B	238, 242, 168
Decimal	15912616
CIE Lab	84.92, 7.23, 23.59
CIE LCh	85, 24.671, 72.961
Yxy	65.8470, 0.3696, 0.3701
Android (android.graphics.Color)	4294102696 (0xFFFF2CEA8)
YUV	212.4320, -21.9050, 25.9311
Hunter-Lab	81.1462, 2.6444, 22.9643

Details

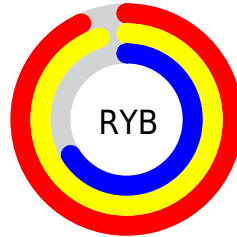
The Yxy color **65.8470, 0.3696, 0.3701** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9408, 0.2636, 0.2839**, and the grayscale version is **66.2759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **34.0317, 0.3834, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **59.5705, 0.3930, 0.3839**, and if you desaturate by 10%, it is **72.7223, 0.3486, 0.3561**.

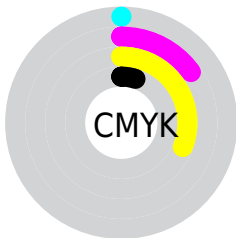
Distribution



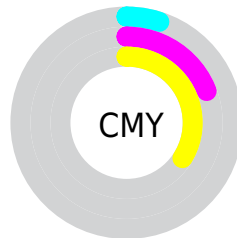
- Red (95%)
- Green (81%)
- Blue (66%)



- Red (93%)
- Yellow (95%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (5%)




- Cyan (5%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8470, 0.3696, 0.3701 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 65.8470, 0.3696, 0.3701 by changing the saturation by 10% instead.

 65.8470, 0.3696,
0.3701

 65.8470, 0.3696,
0.3701

445.8295, 0.3427,
0.3513

 48.1482, 0.3758,
0.3743


 113.2667, 0.3602,
0.3636

 33.9443, 0.3835,
0.3794


 143.7564, 0.3566,
0.3611

 22.8508, 0.3933,
0.3858


179.2786, 0.3534,
0.3589

 14.4834, 0.4062,
0.3939

220.2175, 0.3507,
0.3570

 8.4576, 0.4235,
0.4043

266.9577, 0.3484,
0.3553

 4.3891, 0.4480,
0.4178

319.8835, 0.3463,

 1.8935, 0.5080,

0.3538

0.4561

379.3793, 0.3444,
0.3525

0.5445, 0.5604,
0.4396

0.0000, 0.0000,
0.0000

65.8470, 0.3696,
0.3701

65.8470, 0.3696,
0.3701

59.5705, 0.3930,
0.3839

72.7223, 0.3486,
0.3561

53.8650, 0.4185,
0.3969

80.2049, 0.3299,
0.3426

48.7139, 0.4454,
0.4078

88.3145, 0.3136,
0.3297

44.0958, 0.4725,
0.4156

96.4167, 0.3048,
0.3271

■ 39.9873, 0.4984,
0.4188

■ 97.6156, 0.3047,
0.3290

■ 36.3620, 0.5212,
0.4167

■ 33.3478, 0.5392,
0.4101

Harmonies

Analogous

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



65.8470, 0.3733, 0.3476



65.8470, 0.3696, 0.3701



65.8470, 0.3502, 0.3829

Triad

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



65.8470, 0.3696, 0.3701



65.8470, 0.2674, 0.3336



65.8470, 0.3018, 0.2834

Complementary

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



65.8470, 0.3696, 0.3701



57.9408, 0.2636, 0.2839

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.



65.8470, 0.2748, 0.2783



65.8470, 0.3696, 0.3701



65.8470, 0.2557, 0.3055

Square

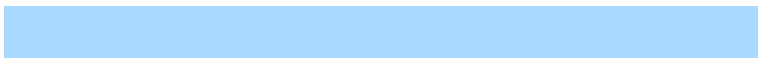
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8470, 0.3696, 0.3701



65.8470, 0.2910, 0.3620



65.8470, 0.2584, 0.2859



65.8470, 0.3330, 0.2991

Rectangle

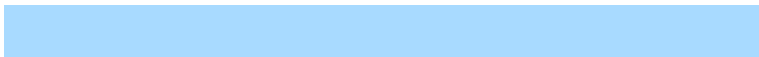
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8470, 0.3696, 0.3701



65.8470, 0.3315, 0.3832



65.8470, 0.2584, 0.2859



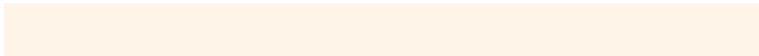
65.8470, 0.2919, 0.2804

Sweetspot

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



65.8500, 0.3696, 0.3701



91.6890, 0.3273, 0.3406



51.3068, 0.3475, 0.2893



19.3493, 0.3298, 0.3425



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.



65.8500, 0.3696, 0.3701



69.4635, 0.3847, 0.3792



85.2031, 0.3589, 0.4054



17.1008, 0.3280, 0.3411



18.1913, 0.5367, 0.4120



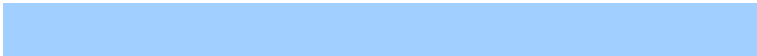
1.7126, 0.5171, 0.4276

Inverse Universe

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



57.9408, 0.2636, 0.2839



59.1760, 0.2527, 0.2725



42.7628, 0.2584, 0.2392



16.4986, 0.2980, 0.3166



10.6468, 0.1760, 0.1534



1.0842, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 65.8470, 0.3696, 0.3701 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 65.8470, 0.3696, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

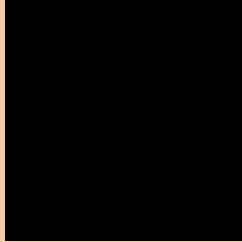
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8470, 0.3696, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 65.8470, 0.3696, 0.3701.



This preview shows how white text looks on a background with the Yxy color 65.8470, 0.3696, 0.3701.

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

65.8470, 0.3696, 0.3701

Protanopia

66.0348, 0.3520, 0.3752

Deuteranopia

65.9693, 0.3752, 0.3674



Tritanopia

65.9890, 0.3386, 0.3134

Trichromacy



Original Color

65.8470, 0.3696, 0.3701

Protanomaly

65.9844, 0.3580, 0.3735

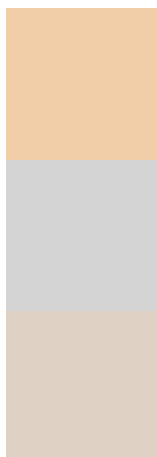
Deuteranomaly

66.0826, 0.3732, 0.3686

Tritanomaly

65.7308, 0.3498, 0.3334

Monochromacy



Original Color

65.8470, 0.3696, 0.3701

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7667, 0.3325, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8470, 0.3696, 0.3701 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, 206, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 168)  
}
```

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, 206, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 168) }
```

Border

The CSS property to change the border of an element to Yxy 65.8470, 0.3696, 0.3701 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, 206, 168) }
```

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

```
.border{ border-color:rgb(242, 206, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 206, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 206, 168); box-shadow:4px 4px 4px 4px rgb(242, 206, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8470, 0.3696, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 168) }
```

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

```
.background{ background-color: rgb(242,  
206, 168) }
```

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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