

Converting Colors

$Yxy(65.5525, 0.3909, 0.3971)$

Have a look what the booklet for
Yxy(65.5525, 0.3909, 0.3971)
contains.

Yxy(65.5081, 0.3917, 0.3971)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.5081, 0.3917, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	F5CE8E
RGB	245, 206, 142
RGB Percent	96%, 81%, 56%
CMY	0.0391, 0.1922, 0.4430
CMYK	0.00, 0.16, 0.42, 0.04
HSL	37°, 84%, 76%
HSV	37°, 42%, 96%
XYZ	64.6173, 65.5081, 34.8409
YIQ	210.3650, 43.7880, -11.6360

Conversions

Conversions Part 2

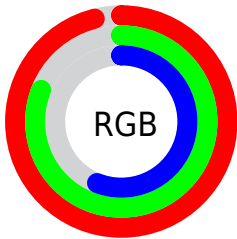
Format	Color
R _Y B	205, 245, 142
Decimal	16109198
CIE Lab	84.74, 5.40, 36.90
CIE LCh	85, 37.296, 81.668
Yxy	65.5081, 0.3917, 0.3971
Android (android.graphics.Color)	4294299278 (0xFFFF5CE8E)
YUV	210.3650, -33.7039, 30.3749
Hunter-Lab	80.9371, 0.8682, 31.1335

Details

The Yxy color **65.5081, 0.3917, 0.3971** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4175, 0.2422, 0.2489**, and the grayscale version is **64.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **33.7766, 0.4097, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **60.5151, 0.4142, 0.4123**, and if you desaturate by 10%, it is **70.9331, 0.3702, 0.3808**.

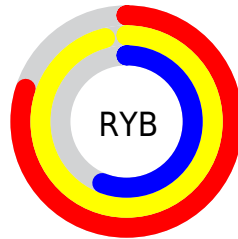
Distribution



Red (96%)

Green (81%)

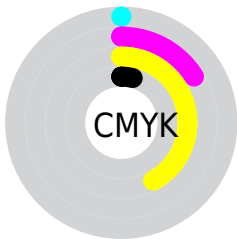
Blue (56%)



Red (80%)

Yellow (96%)

Blue (56%)

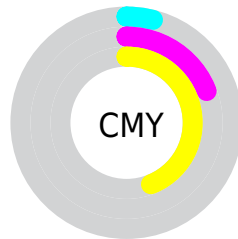


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5081, 0.3917, 0.3971 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 65.5081, 0.3917, 0.3971 by changing the saturation by 10% instead.


 65.5081, 0.3917,
0.3971


 65.5081, 0.3917,
0.3971


444.6156, 0.3549,
0.3661

 47.8732, 0.4000,
0.4038


 112.7800, 0.3790,
0.3866

 33.7265, 0.4100,
0.4119


 143.1859, 0.3740,
0.3824

 22.6836, 0.4225,
0.4217


178.6174, 0.3697,
0.3788

 14.3600, 0.4382,
0.4336

219.4592, 0.3660,
0.3756

 8.3715, 0.4579,
0.4478

266.0955, 0.3627,
0.3728

 4.3336, 0.4878,
0.4686

318.9107, 0.3598,

 1.8618, 0.5173,

0.3704

0.4827

378.2893, 0.3572,
0.3681

■ 0.5253, 0.5458,
0.4542

■ 0.0000, 0.0000,
0.0000

■ 65.5081, 0.3917,
0.3971

■ 65.5081, 0.3917,
0.3971

■ 60.5151, 0.4142,
0.4123

■ 70.9331, 0.3702,
0.3808

■ 55.9297, 0.4371,
0.4251

■ 76.7950, 0.3503,
0.3641

■ 51.7382, 0.4592,
0.4345

■ 83.1101, 0.3321,
0.3477

■ 47.9221, 0.4793,
0.4393

■ 89.8910, 0.3158,
0.3321

■ 44.4598, 0.4963,
0.4388

■ 96.5198, 0.3066,
0.3265

■ 41.9310, 0.5077,
0.4351

■ 98.1563, 0.3066,
0.3290

Harmonies

Analogous

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



65.5081, 0.4058, 0.3654



65.5081, 0.3917, 0.3971



65.5081, 0.3564, 0.4130

Triad

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



65.5081, 0.3917, 0.3971



65.5081, 0.2382, 0.3216



65.5081, 0.3090, 0.2674

Complementary

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



65.5081, 0.3917, 0.3971



45.4175, 0.2422, 0.2489

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.



65.5081, 0.2661, 0.2549



65.5081, 0.3917, 0.3971



65.5081, 0.2276, 0.2822

Square

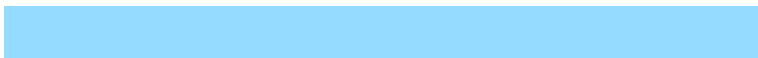
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5081, 0.3917, 0.3971



65.5081, 0.2679, 0.3679



65.5081, 0.2374, 0.2593



65.5081, 0.3562, 0.2935

Rectangle

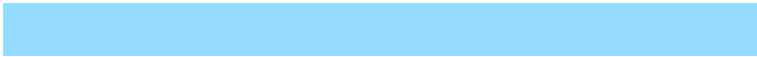
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5081, 0.3917, 0.3971



65.5081, 0.3264, 0.4096



65.5081, 0.2374, 0.2593



65.5081, 0.2936, 0.2615

Sweetspot

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



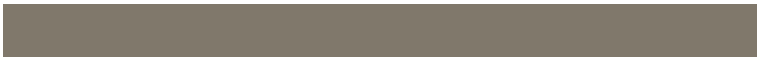
65.5112, 0.3917, 0.3971



90.2918, 0.3339, 0.3493



42.1285, 0.3790, 0.2865



18.9919, 0.3377, 0.3529



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.



65.5112, 0.3917, 0.3971



67.2801, 0.4098, 0.4095



84.5963, 0.3669, 0.4362



18.1970, 0.3278, 0.3437



22.8601, 0.5058, 0.4366



2.2069, 0.4921, 0.4475

Inverse Universe

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



45.4175, 0.2422, 0.2489



42.7474, 0.2281, 0.2301



32.8234, 0.2423, 0.2014



16.9558, 0.2980, 0.3139



7.9991, 0.1667, 0.1201



0.8945, 0.1736, 0.1449

Previews

White Background



This preview shows how the Yxy color 65.5081, 0.3917, 0.3971 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 65.5081, 0.3917, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

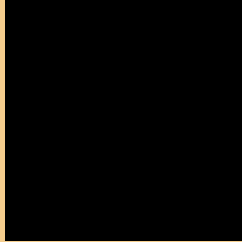
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5081, 0.3917, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 65.5081, 0.3917, 0.3971.



This preview shows how white text looks on a background with the Yxy color 65.5081, 0.3917, 0.3971.

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

65.5081, 0.3917, 0.3971

Protanopia

65.7586, 0.3747, 0.4046

Deuteranopia

65.7659, 0.3997, 0.3912



Tritanopia

65.3814, 0.3453, 0.3136

Trichromacy



Original Color

65.5081, 0.3917, 0.3971

Protanomaly

65.7385, 0.3811, 0.4023

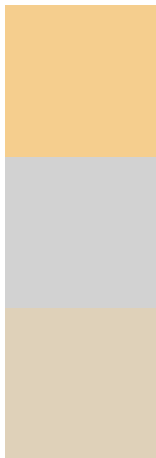
Deuteranomaly

65.6781, 0.3968, 0.3929

Tritanomaly

65.0361, 0.3622, 0.3429

Monochromacy



Original Color

65.5081, 0.3917, 0.3971

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7917, 0.3408, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5081, 0.3917, 0.3971 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(245, 206, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 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(245, 206, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 142) }
```

Border

The CSS property to change the border of an element to Yxy 65.5081, 0.3917, 0.3971 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(245, 206, 142) }
```

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

```
.border{ border-color:rgb(245, 206, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 206, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 206, 142); box-shadow:4px 4px 4px 4px rgb(245, 206, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5081, 0.3917, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 142) }
```

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

```
.background{ background-color: rgb(245,  
206, 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](#).

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