

Converting Colors

$Yxy(64.5667, 0.4240, 0.4435)$

Have a look what the booklet for
Yxy(64.5667, 0.4240, 0.4435)
contains.

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Color

Yxy(64.8108, 0.4237, 0.4437)

Conversions

Conversions Part 1

Format	Color
Hex	F5CF5C
RGB	245, 207, 92
RGB Percent	96%, 81%, 36%
CMY	0.0394, 0.1881, 0.6393
CMYK	0.00, 0.15, 0.62, 0.04
HSL	45°, 88%, 66%
HSV	45°, 62%, 96%
XYZ	61.8894, 64.8108, 19.3687
YIQ	205.2520, 59.5630, -27.7090

Conversions

Conversions Part 2

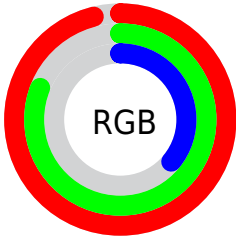
Format	Color
RYB	143, 245, 92
Decimal	16109404
CIELab	84.39, 0.67, 60.60
CIELCh	84, 60.603, 89.362
Yxy	64.8108, 0.4237, 0.4437
Android (android.graphics.Color)	4294299484 (0xFFFF5CF5C)
YUV	205.2520, -55.8332, 34.8590
Hunter-Lab	80.5052, -3.6597, 42.0890

Details

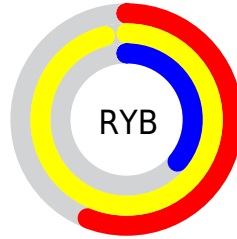
The Yxy color **64.8108, 0.4237, 0.4437** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.8086, 0.2014, 0.1731**, and the grayscale version is **61.5518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **33.2303, 0.4441, 0.4651** is the 20% darker color. If you saturate the color by 10%, you get **61.5650, 0.4403, 0.4552**, and if you desaturate by 10%, it is **68.3145, 0.4055, 0.4286**.

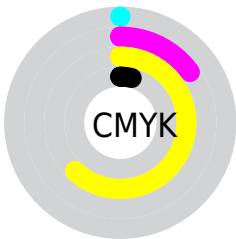
Distribution



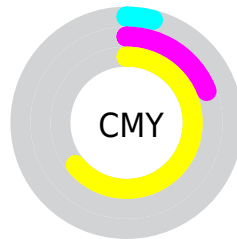
- Red (96%)
- Green (81%)
- Blue (36%)



- Red (56%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8108, 0.4237, 0.4437 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 64.8108, 0.4237, 0.4437 by changing the saturation by 10% instead.


 64.8108, 0.4237,
0.4437


 64.8108, 0.4237,
0.4437


442.1118, 0.3747,
0.3932


 47.3077, 0.4335,
0.4537


 111.7778, 0.4077,
0.4272

 33.2790, 0.4446,
0.4651


 142.0105, 0.4011,
0.4205

 22.3402, 0.4571,
0.4777


 177.2551, 0.3953,
0.4145

 14.1071, 0.4702,
0.4908

 217.8961, 0.3902,
0.4093

 8.1952, 0.4896,
0.5104

264.3179, 0.3857,
0.4046

 4.2201, 0.4902,
0.5098

316.9048, 0.3816,

 1.7974, 0.4912,

0.4004

0.5088

376.0413, 0.3780,
0.3966

■ 0.4856, 0.4961,
0.5039

■ 0.0000, 0.0000,
0.0000

■ 64.8108, 0.4237,
0.4437

■ 64.8108, 0.4237,
0.4437

■ 61.5650, 0.4403,
0.4552

■ 68.3145, 0.4055,
0.4286

■ 58.5527, 0.4544,
0.4622

■ 72.0801, 0.3866,
0.4109

■ 55.7588, 0.4656,
0.4644

■ 76.1226, 0.3677,
0.3917

■ 53.7738, 0.4723,
0.4632

■ 80.4530, 0.3495,
0.3720

85.0816, 0.3323,
0.3524

90.0177, 0.3164,
0.3335

94.7139, 0.3067,
0.3237

98.1449, 0.3065,
0.3290

Harmonies

Analogous

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



64.8108, 0.4601, 0.3937



64.8108, 0.4237, 0.4437



64.8108, 0.3599, 0.4688

Triad

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



64.8108, 0.4237, 0.4437



64.8108, 0.1895, 0.2946



64.8108, 0.3246, 0.2428

Complementary

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



64.8108, 0.4237, 0.4437



24.8086, 0.2014, 0.1731

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.



64.8108, 0.2532, 0.2183



64.8108, 0.4237, 0.4437



64.8108, 0.1830, 0.2404

Square

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



64.8108, 0.4237, 0.4437



64.8108, 0.2255, 0.3731



64.8108, 0.2045, 0.2162



64.8108, 0.4012, 0.2849

Rectangle

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



64.8108, 0.4237, 0.4437



64.8108, 0.3113, 0.4588



64.8108, 0.2045, 0.2162



64.8108, 0.2990, 0.2324

Sweetspot

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



64.8139, 0.4237, 0.4437



89.8352, 0.3435, 0.3652



28.6744, 0.4619, 0.2910



18.9235, 0.3486, 0.3709



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.



64.8139, 0.4237, 0.4437



66.5307, 0.4444, 0.4576



79.2763, 0.3723, 0.4901



18.5767, 0.3275, 0.3467



29.2102, 0.4712, 0.4640



2.7284, 0.4633, 0.4703

Inverse Universe

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



24.8086, 0.2014, 0.1731



19.7094, 0.1813, 0.1382



19.0055, 0.2156, 0.1387



16.5942, 0.2979, 0.3107



5.5183, 0.1579, 0.0883



0.6411, 0.1643, 0.1115

Previews

White Background



This preview shows how the Yxy color 64.8108, 0.4237, 0.4437 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 64.8108, 0.4237, 0.4437 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 64.8108, 0.4237, 0.4437

Background



This preview shows how black text looks on a background with the Yxy color 64.8108, 0.4237, 0.4437.



This preview shows how white text looks on a background with the Yxy color 64.8108, 0.4237, 0.4437.

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

64.8108, 0.4237, 0.4437

Protanopia

64.8713, 0.4116, 0.4510

Deuteranopia

64.8091, 0.4190, 0.4138



Tritanopia

64.9434, 0.3497, 0.3137

Trichromacy



Original Color

64.8108, 0.4237, 0.4437

Protanomaly

65.0606, 0.4155, 0.4484

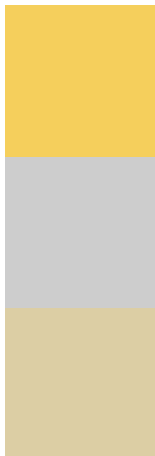
Deuteranomaly

64.7991, 0.4205, 0.4248

Tritanomaly

64.1461, 0.3801, 0.3630

Monochromacy



Original Color

64.8108, 0.4237, 0.4437

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.0386, 0.3547, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8108, 0.4237, 0.4437 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, 207, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 92)  
}
```

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, 207, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 92) }
```

Border

The CSS property to change the border of an element to Yxy 64.8108, 0.4237, 0.4437 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, 207, 92) }
```

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

```
.border{ border-color:rgb(245, 207, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8108, 0.4237, 0.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 92) }
```

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

```
.background{ background-color: rgb(245,  
207, 92) }
```

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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