

Converting Colors

$Yxy(69.3096, 0.4254, 0.4636)$

Have a look what the booklet for
Yxy(69.3096, 0.4254, 0.4636)
contains.

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Color

Yxy(69.5462, 0.4249, 0.4636)

Conversions

Conversions Part 1

Format	Color
Hex	F5D94B
RGB	245, 217, 75
RGB Percent	96%, 85%, 29%
CMY	0.0392, 0.1490, 0.7057
CMYK	0.00, 0.11, 0.69, 0.04
HSL	50°, 89%, 63%
HSV	50°, 69%, 96%
XYZ	63.7407, 69.5462, 16.7265
YIQ	209.1840, 62.2700, -38.2260

Conversions

Conversions Part 2

Format	Color
RYB	109, 245, 75
Decimal	16111947
CIELab	86.77, -5.34, 70.08
CIELCh	87, 70.286, 94.356
Yxy	69.5462, 0.4249, 0.4636
Android (android.graphics.Color)	4294302027 (0xFFFF5D94B)
YUV	209.1840, -66.1527, 31.4106
Hunter-Lab	83.3944, -9.5075, 46.4842

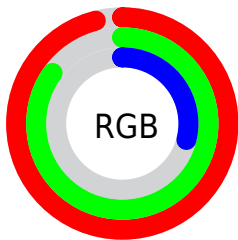
Details

The Yxy color **69.5462, 0.4249, 0.4636** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **17.7972, 0.1856, 0.1363**, and the grayscale version is **64.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4187, 0.3845, 0.4476**, and **36.5087, 0.4419, 0.4873** is the 20% darker color. If you saturate the color by 10%, you get **67.2207, 0.4367, 0.4733**, and if you desaturate by 10%, it is **72.0583, 0.4106, 0.4497**.

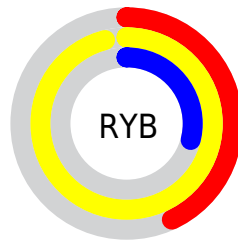
Distribution



Red (96%)

Green (85%)

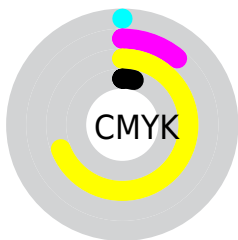
Blue (29%)



Red (43%)

Yellow (96%)

Blue (29%)

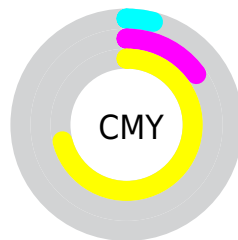


Cyan (0%)

Magenta (11%)

Yellow (69%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5462, 0.4249, 0.4636 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 69.5462, 0.4249, 0.4636 by changing the saturation by 10% instead.


 69.5462, 0.4249,
0.4636


 69.5462, 0.4249,
0.4636


458.9550, 0.3778,
0.4053

 51.1567, 0.4335,
0.4748


 118.5614, 0.4102,
0.4449


 36.3333, 0.4427,
0.4873


 149.9558, 0.4039,
0.4371


 24.6917, 0.4522,
0.5009


 186.4540, 0.3984,
0.4302

 15.8475, 0.4610,
0.5150

 228.4403, 0.3934,
0.4241

 9.4163, 0.4695,
0.5305

 276.2992, 0.3889,
0.4186

 5.0137, 0.4653,
0.5347

330.4150, 0.3848,

 2.2553, 0.4585,

0.4137

0.5415

391.1722, 0.3812,
0.4093

■ 0.7499, 0.4372,
0.5628

■ 0.0000, 0.0000,
0.0000

■ 69.5462, 0.4249,
0.4636

■ 69.5462, 0.4249,
0.4636

■ 67.2207, 0.4367,
0.4733

■ 72.0583, 0.4106,
0.4497

■ 65.0558, 0.4457,
0.4783


■ 74.7607, 0.3947,
0.4323

■ 63.0298, 0.4520,
0.4790


■ 77.6687, 0.3777,
0.4126


■ 62.9056, 0.4524,
0.4790


■ 80.7930, 0.3604,
0.3914

 84.1435, 0.3434,
0.3698

 87.7294, 0.3271,
0.3484

 91.5591, 0.3118,
0.3277

 94.5643, 0.3067,
0.3234

 97.0899, 0.3066,
0.3274

Harmonies

Analogous

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



69.5462, 0.4737, 0.4084



69.5462, 0.4249, 0.4636



69.5462, 0.3502, 0.4881

Triad

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



69.5462, 0.4249, 0.4636



69.5462, 0.1723, 0.2763



69.5462, 0.3403, 0.2398

Complementary

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



69.5462, 0.4249, 0.4636



17.7972, 0.1856, 0.1363

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.



69.5462, 0.2574, 0.2094



69.5462, 0.4249, 0.4636



69.5462, 0.1709, 0.2226

Square

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



69.5462, 0.4249, 0.4636



69.5462, 0.2056, 0.3627



69.5462, 0.1993, 0.2023



69.5462, 0.4256, 0.2882

Rectangle

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



69.5462, 0.4249, 0.4636



69.5462, 0.2959, 0.4710



69.5462, 0.1993, 0.2023



69.5462, 0.3109, 0.2273

Sweetspot

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



69.5495, 0.4249, 0.4636



91.5187, 0.3462, 0.3734



25.4365, 0.5097, 0.3040



19.3685, 0.3509, 0.3794



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.



69.5495, 0.4249, 0.4636



72.6949, 0.4405, 0.4757



76.5502, 0.3654, 0.5108



18.8216, 0.3273, 0.3486



34.0629, 0.4517, 0.4795



3.1148, 0.4470, 0.4833

Inverse Universe

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



17.7972, 0.1856, 0.1363



13.2204, 0.1664, 0.1009



16.5104, 0.2140, 0.1241



16.3676, 0.2979, 0.3086



4.5140, 0.1540, 0.0743



0.5219, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 69.5462, 0.4249, 0.4636 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 69.5462, 0.4249, 0.4636 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 69.5462, 0.4249, 0.4636

Background



This preview shows how black text looks on a background with the Yxy color 69.5462, 0.4249, 0.4636.

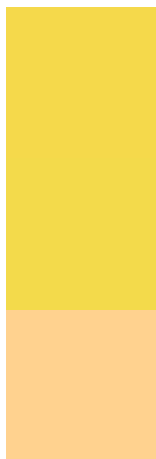


This preview shows how white text looks on a background with the Yxy color 69.5462, 0.4249, 0.4636.

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

69.5462, 0.4249, 0.4636

Protanopia

69.7055, 0.4226, 0.4654

Deuteranopia

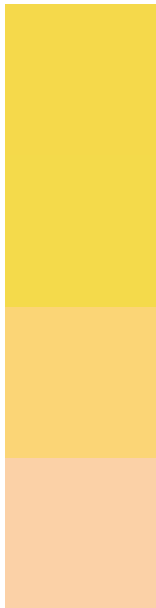
69.3364, 0.3973, 0.3978



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.5462, 0.4249, 0.4636

Protanomaly

69.8839, 0.4234, 0.4649

Deuteranomaly

69.4057, 0.4094, 0.4251

Tritanomaly

68.9002, 0.3767, 0.3731

Monochromacy



Original Color

69.5462, 0.4249, 0.4636

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.1546, 0.3576, 0.3882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5462, 0.4249, 0.4636 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, 217, 75)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 75)  
}
```

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, 217, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 75) }
```

Border

The CSS property to change the border of an element to Yxy 69.5462, 0.4249, 0.4636 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, 217, 75) }
```

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

```
.border{ border-color:rgb(245, 217, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 75);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5462, 0.4249, 0.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 75) }
```

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

```
.background{ background-color: rgb(245,  
217, 75) }
```

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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