

Converting Colors

$Yxy(51.4437, 0.4235, 0.4336)$

Have a look what the booklet for
Yxy(51.4437, 0.4235, 0.4336)
contains.

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Color

Yxy(51.4437, 0.4235, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	E1B95A
RGB	225, 185, 90
RGB Percent	88%, 73%, 35%
CMY	0.1177, 0.2745, 0.6471
CMYK	0.00, 0.18, 0.60, 0.12
HSL	42°, 69%, 62%
HSV	42°, 60%, 88%
XYZ	50.2454, 51.4437, 16.9541
YIQ	186.1300, 54.3350, -21.0650

Conversions

Conversions Part 2

Format	Color
RYB	147, 225, 90
Decimal	14793050
CIELab	76.95, 3.65, 52.66
CIELCh	77, 52.783, 86.032
Yxy	51.4437, 0.4235, 0.4336
Android (android.graphics.Color)	4292983130 (0xFFE1B95A)
YUV	186.1300, -47.3921, 34.0890
Hunter-Lab	71.7243, -0.4718, 36.1921

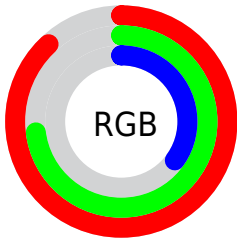
Details

The Yxy color **51.4437, 0.4235, 0.4336** is a light color, and the websafe version is hex **FFCC66**.

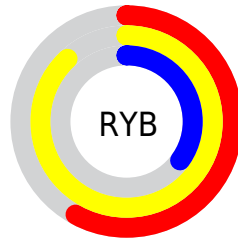
The color can be described as light muted orange. A complement of this color would be **23.5734, 0.2083, 0.1904**, and the grayscale version is **49.4289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1538, 0.3838, 0.4258**, and **24.8580, 0.4483, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **48.3953, 0.4424, 0.4454**, and if you desaturate by 10%, it is **54.7437, 0.4036, 0.4186**.

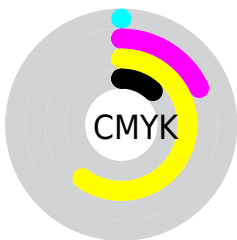
Distribution



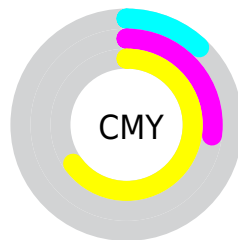
- Red (88%)
- Green (73%)
- Blue (35%)



- Red (58%)
- Yellow (88%)
- Blue (35%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4437, 0.4235, 0.4336 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 51.4437, 0.4235, 0.4336 by changing the saturation by 10% instead.


 51.4437, 0.4235,
0.4336


 51.4437, 0.4235,
0.4336


392.2852, 0.3716,
0.3856

 36.5618, 0.4346,
0.4436


 92.3103, 0.4059,
0.4176


 24.8684, 0.4477,
0.4550


 119.0638, 0.3989,
0.4111

 15.9791, 0.4628,
0.4677


 150.5434, 0.3928,
0.4055

 9.5093, 0.4797,
0.4812

 187.1333, 0.3875,
0.4005

 5.0749, 0.5020,
0.4980

229.2181, 0.3828,
0.3961

 2.2913, 0.5063,
0.4937

277.1821, 0.3786,

 0.7691, 0.5161,

0.3922

0.4839

331.4096, 0.3749,
0.3887

0.0000, 0.0000,
0.0000

51.4437, 0.4235,
0.4336

51.4437, 0.4235,
0.4336

48.3953, 0.4424,
0.4454

54.7437, 0.4036,
0.4186

45.5786, 0.4592,
0.4529

58.2991, 0.3835,
0.4014

42.9812, 0.4732,
0.4555

62.1227, 0.3640,
0.3831

40.5789, 0.4844,
0.4536

66.2238, 0.3455,
0.3646

40.5786, 0.4844,
0.4536

70.6112, 0.3284,
0.3464

■ 75.2933, 0.3127,
0.3290

■ 80.2779, 0.2986,
0.3126

■ 84.5683, 0.2943,
0.3120

■ 88.5289, 0.2944,
0.3188

Harmonies

Analogous

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



51.4437, 0.4534, 0.3855



51.4437, 0.4235, 0.4336



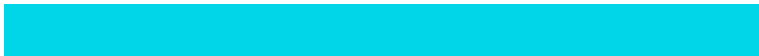
51.4437, 0.3655, 0.4598

Triad

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



51.4437, 0.4235, 0.4336



51.4437, 0.1983, 0.3045



51.4437, 0.3161, 0.2436

Complementary

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



51.4437, 0.4235, 0.4336



23.5734, 0.2083, 0.1904

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.



51.4437, 0.2503, 0.2225



51.4437, 0.4235, 0.4336



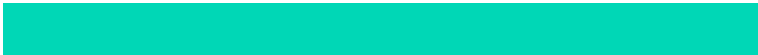
51.4437, 0.1888, 0.2498

Square

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



51.4437, 0.4235, 0.4336



51.4437, 0.2360, 0.3790



51.4437, 0.2065, 0.2233



51.4437, 0.3887, 0.2824

Rectangle

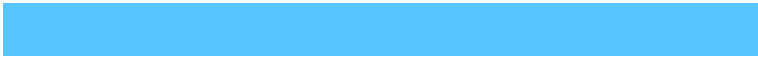
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4437, 0.4235, 0.4336



51.4437, 0.3198, 0.4536



51.4437, 0.2065, 0.2233



51.4437, 0.2923, 0.2344

Sweetspot

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



51.4462, 0.4235, 0.4336



89.0176, 0.3422, 0.3612



24.9451, 0.4417, 0.2842



18.6990, 0.3474, 0.3666



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.



51.4462, 0.4235, 0.4336



63.3119, 0.4468, 0.4477



66.5931, 0.3761, 0.4810



15.3080, 0.3274, 0.3454



23.5961, 0.4831, 0.4546



1.7890, 0.4710, 0.4642

Inverse Universe

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



23.5734, 0.2083, 0.1904



23.4428, 0.1884, 0.1571



16.5308, 0.2152, 0.1447



13.9018, 0.2981, 0.3120



5.5996, 0.1610, 0.0994



0.5408, 0.1695, 0.1301

Previews

White Background



This preview shows how the Yxy color 51.4437, 0.4235, 0.4336 looks on a white background.

Color Contrast Check

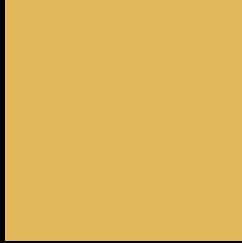
Large Text (above 18pt) WCAG AA × Fail

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 51.4437, 0.4235, 0.4336 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 51.4437, 0.4235, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 51.4437, 0.4235, 0.4336.



This preview shows how white text looks on a background with the Yxy color 51.4437, 0.4235, 0.4336.

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

51.4437, 0.4235, 0.4336

Protanopia

51.4485, 0.4062, 0.4427

Deuteranopia

51.4652, 0.4346, 0.4247



Tritanopia

51.2266, 0.3537, 0.3134

Trichromacy



Original Color

51.4437, 0.4235, 0.4336

Protanomaly

51.3207, 0.4127, 0.4395

Deuteranomaly

51.2002, 0.4304, 0.4273

Tritanomaly

50.9308, 0.3823, 0.3591

Monochromacy



Original Color

51.4437, 0.4235, 0.4336

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6315, 0.3532, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4437, 0.4235, 0.4336 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(225, 185, 90)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 90)  
}
```

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(225, 185, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 90) }
```

Border

The CSS property to change the border of an element to Yxy 51.4437, 0.4235, 0.4336 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(225, 185, 90) }
```

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

```
.border{ border-color:rgb(225, 185, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 90);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4437, 0.4235, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 90) }
```

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

```
.background{ background-color: rgb(225,  
185, 90) }
```

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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