

Converting Colors

Yxy(54.0518, 0.4235, 0.4753)

Have a look what the booklet for
Yxy(54.0518, 0.4235, 0.4753)
contains.

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Color

Yxy(54.0518, 0.4235, 0.4753)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6C437 |
| RGB | 214, 196, 55 |
| RGB Percent | 84%, 77%, 22% |
| CMY | 0.1608, 0.2314, 0.7843 |
| CMYK | 0.00, 0.08, 0.74, 0.16 |
| HSL | 53°, 66%, 53% |
| HSV | 53°, 74%, 84% |
| XYZ | 48.1610, 54.0518, 11.5086 |
| YIQ | 185.3080, 55.9890, -40.0350 |

Conversions

Conversions Part 2

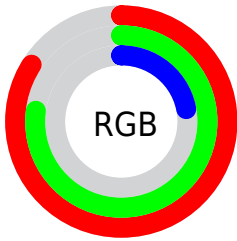
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 75, 214, 55 |
| Decimal | 14074935 |
| CIELab | 78.49, -8.68, 68.35 |
| CIELCh | 78, 68.903, 97.233 |
| Yxy | 54.0518, 0.4235, 0.4753 |
| Android (android.graphics.Color) | 4292265015 (0xFFD6C437) |
| YUV | 185.3080, -64.2418, 25.1629 |
| Hunter-Lab | 73.5199, -11.7291, 42.1829 |

Details

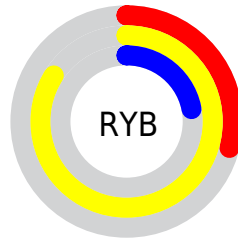
The Yxy color **54.0518, 0.4235, 0.4753** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.4317, 0.1763, 0.1142**, and the grayscale version is **49.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0507, 0.3950, 0.4603**, and **26.6135, 0.4333, 0.4941** is the 20% darker color. If you saturate the color by 10%, you get **52.8079, 0.4323, 0.4835**, and if you desaturate by 10%, it is **55.4074, 0.4120, 0.4627**.

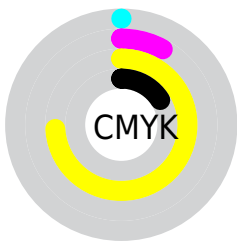
Distribution



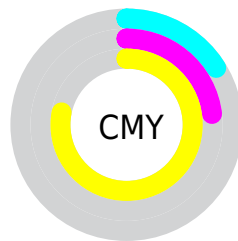
- Red (84%)
- Green (77%)
- Blue (22%)



- Red (29%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (74%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0518, 0.4235, 0.4753 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 54.0518, 0.4235, 0.4753 by changing the saturation by 10% instead.


 54.0518, 0.4235,
0.4753


 54.0518, 0.4235,
0.4753


402.3075, 0.3759,
0.4087

 38.6431, 0.4319,
0.4885

 96.1503, 0.4086,
0.4534


 26.4822, 0.4406,
0.5033


 123.6089, 0.4023,
0.4445

 17.1847, 0.4486,
0.5191


 155.8528, 0.3966,
0.4366

 10.3663, 0.4592,
0.5408

 193.2666, 0.3916,
0.4297

 5.6425, 0.4527,
0.5473

 236.2345, 0.3870,
0.4235

 2.6289, 0.4425,
0.5575

285.1411, 0.3829,

 0.9412, 0.4201,

0.4181

0.5799

340.3706, 0.3792,
0.4131

0.0000, 0.0000,
0.0000

54.0518, 0.4235,
0.4753

54.0518, 0.4235,
0.4753

52.8079, 0.4323,
0.4835

55.4074, 0.4120,
0.4627

51.6554, 0.4384,
0.4873

56.8773, 0.3984,
0.4462

51.0283, 0.4409,
0.4881

58.4729, 0.3832,
0.4268

60.2023, 0.3670,
0.4054

62.0725, 0.3507,
0.3830

■ 64.0904, 0.3346,
0.3604

■ 66.2619, 0.3191,
0.3382

■ 68.5929, 0.3045,
0.3171

■ 71.0889, 0.2910,
0.2971

Harmonies

Analogous

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



54.0518, 0.4797, 0.4172



54.0518, 0.4235, 0.4753



54.0518, 0.3428, 0.4987

Triad

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



54.0518, 0.4235, 0.4753



54.0518, 0.1632, 0.2651



54.0518, 0.3509, 0.2390

Complementary

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



54.0518, 0.4235, 0.4753



10.4317, 0.1763, 0.1142

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.



54.0518, 0.2612, 0.2052



54.0518, 0.4235, 0.4753



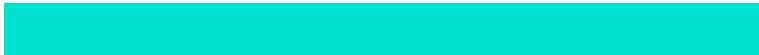
54.0518, 0.1651, 0.2128

Square

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



54.0518, 0.4235, 0.4753



54.0518, 0.1942, 0.3546



54.0518, 0.1975, 0.1950



54.0518, 0.4403, 0.2909

Rectangle

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



54.0518, 0.4235, 0.4753



54.0518, 0.2858, 0.4764



54.0518, 0.1975, 0.1950



54.0518, 0.3192, 0.2254

Sweetspot

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



54.0544, 0.4235, 0.4753



92.9148, 0.3473, 0.3783



17.5170, 0.5412, 0.3127



19.7173, 0.3518, 0.3845



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.



54.0544, 0.4235, 0.4753



77.5578, 0.4360, 0.4862



55.1460, 0.3598, 0.5238



14.2687, 0.3269, 0.3495



30.9404, 0.4406, 0.4884



1.9360, 0.4364, 0.4917

Inverse Universe

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



10.4317, 0.1763, 0.1142



10.0812, 0.1582, 0.0804



11.2971, 0.2141, 0.1168



12.2327, 0.2981, 0.3077



3.4117, 0.1524, 0.0686



0.2835, 0.1585, 0.0907

Previews

White Background



This preview shows how the Yxy color 54.0518, 0.4235, 0.4753 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 54.0518, 0.4235, 0.4753 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 54.0518, 0.4235, 0.4753

Background



This preview shows how black text looks on a background with the Yxy color 54.0518, 0.4235, 0.4753.

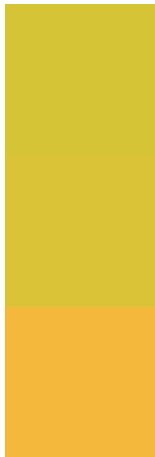


This preview shows how white text looks on a background with the Yxy color 54.0518, 0.4235, 0.4753.

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

54.0518, 0.4235, 0.4753

Protanopia

54.2115, 0.4278, 0.4721

Deuteranopia

53.6619, 0.4564, 0.4460



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

54.0518, 0.4235, 0.4753

Protanomaly

54.0578, 0.4269, 0.4727

Deuteranomaly

53.4277, 0.4446, 0.4565

Tritanomaly

53.3829, 0.3763, 0.3797

Monochromacy



Original Color

54.0518, 0.4235, 0.4753

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9659, 0.3592, 0.3940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0518, 0.4235, 0.4753 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(214, 196, 55)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 55)  
}
```

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(214, 196, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 55) }
```

Border

The CSS property to change the border of an element to Yxy 54.0518, 0.4235, 0.4753 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(214, 196, 55) }
```

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

```
.border{ border-color:rgb(214, 196, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 55);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0518, 0.4235, 0.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 55) }
```

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

```
.background{ background-color: rgb(214,  
196, 55) }
```

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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