

Converting Colors

$Yxy(54.3251, 0.4345, 0.4798)$

Have a look what the booklet for
Yxy(54.3251, 0.4345, 0.4798)
contains.

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Color

Yxy(54.2302, 0.4342, 0.4798)

Conversions

Conversions Part 1

Format	Color
Hex	DBC326
RGB	219, 195, 38
RGB Percent	86%, 76%, 15%
CMY	0.1412, 0.2353, 0.8507
CMYK	0.00, 0.11, 0.83, 0.14
HSL	52°, 72%, 50%
HSV	52°, 83%, 86%
XYZ	49.0762, 54.2302, 9.7203
YIQ	184.2780, 64.7010, -43.7390

Conversions

Conversions Part 2

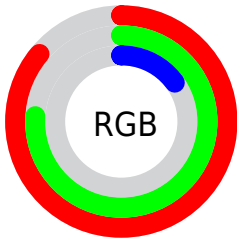
Format	Color
R _Y B	66, 219, 38
Decimal	14402342
CIE Lab	78.60, -6.61, 73.71
CIE LCh	79, 74.006, 95.128
Yxy	54.2302, 0.4342, 0.4798
Android (android.graphics.Color)	4292592422 (0xFFDBC326)
YUV	184.2780, -72.1151, 30.4512
Hunter-Lab	73.6412, -9.9155, 43.7228

Details

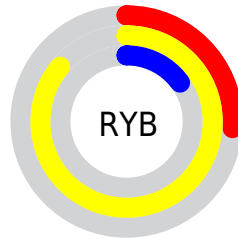
The Yxy color **54.2302, 0.4342, 0.4798** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **8.9780, 0.1660, 0.0974**, and the grayscale version is **48.4797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1552, 0.4011, 0.4688**, and **26.8196, 0.4403, 0.4886** is the 20% darker color. If you saturate the color by 10%, you get **52.8423, 0.4413, 0.4840**, and if you desaturate by 10%, it is **55.7317, 0.4243, 0.4711**.

Distribution



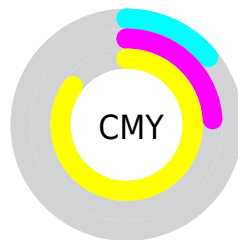
- Red (86%)
- Green (76%)
- Blue (15%)



- Red (26%)
- Yellow (86%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (83%)
- Black (14%)




- Cyan (14%)
- Magenta (24%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2302, 0.4342, 0.4798 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 54.2302, 0.4342, 0.4798 by changing the saturation by 10% instead.


 54.2302, 0.4342,
0.4798


 54.2302, 0.4342,
0.4798


402.9872, 0.3829,
0.4131


 38.7857, 0.4429,
0.4923


 96.4122, 0.4185,
0.4585

 26.5931, 0.4515,
0.5056


 123.9184, 0.4117,
0.4496


 17.2679, 0.4594,
0.5194


 156.2141, 0.4056,
0.4416

 10.4256, 0.4660,
0.5340

 193.6836, 0.4001,
0.4346

 5.6821, 0.4611,
0.5389

 236.7112, 0.3951,
0.4283

 2.6527, 0.4534,
0.5466

 285.6815, 0.3906,

 0.9533, 0.4380,

0.4227

0.5620

340.9787, 0.3866,
0.4176

■ 0.0000, 0.0000,
0.0000

■ 54.2302, 0.4342,
0.4798

■ 54.2302, 0.4342,
0.4798

■ 52.8423, 0.4413,
0.4840

■ 55.7317, 0.4243,
0.4711

■ 51.8690, 0.4451,
0.4848

■ 57.3517, 0.4118,
0.4580

■ 59.1036, 0.3973,
0.4412

■ 60.9966, 0.3814,
0.4216

■ 63.0391, 0.3648,
0.4003

■ 65.2386, 0.3482,
0.3782

■ 67.6021, 0.3320,
0.3561

■ 70.1361, 0.3166,
0.3345

■ 72.8466, 0.3022,
0.3139

Harmonies

Analogous

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



54.2302, 0.4924, 0.4155



54.2302, 0.4342, 0.4798



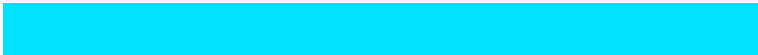
54.2302, 0.3495, 0.5119

Triad

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



54.2302, 0.4342, 0.4798



54.2302, 0.1557, 0.2652



54.2302, 0.3460, 0.2304

Complementary

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



54.2302, 0.4342, 0.4798



8.9780, 0.1660, 0.0974

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.



54.2302, 0.2517, 0.1966



54.2302, 0.4342, 0.4798



54.2302, 0.1556, 0.2078

Square

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



54.2302, 0.4342, 0.4798



54.2302, 0.1901, 0.3637



54.2302, 0.1871, 0.1876



54.2302, 0.4437, 0.2836

Rectangle

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



54.2302, 0.4342, 0.4798



54.2302, 0.2889, 0.4931



54.2302, 0.1871, 0.1876



54.2302, 0.3122, 0.2166

Sweetspot

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



54.2328, 0.4342, 0.4798



91.2800, 0.3525, 0.3840



16.7988, 0.5723, 0.3123



19.3011, 0.3584, 0.3919



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.



54.2328, 0.4342, 0.4798



73.2657, 0.4448, 0.4846



57.5344, 0.3615, 0.5368



14.9541, 0.3270, 0.3491



30.8767, 0.4446, 0.4852



2.0838, 0.4399, 0.4889

Inverse Universe

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



8.9780, 0.1660, 0.0974



8.4986, 0.1528, 0.0694



9.4723, 0.1993, 0.0981



12.8940, 0.2981, 0.3081



3.6447, 0.1530, 0.0707



0.3285, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 54.2302, 0.4342, 0.4798 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 54.2302, 0.4342, 0.4798 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 54.2302, 0.4342, 0.4798

Background



This preview shows how black text looks on a background with the Yxy color 54.2302, 0.4342, 0.4798.



This preview shows how white text looks on a background with the Yxy color 54.2302, 0.4342, 0.4798.

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

54.2302, 0.4342, 0.4798

Protanopia

54.2302, 0.4342, 0.4798

Deuteranopia

54.2923, 0.4634, 0.4536



Tritanopia

54.2644, 0.3426, 0.3134

Trichromacy



Original Color

54.2302, 0.4342, 0.4798

Protanomaly

54.2302, 0.4342, 0.4798

Deuteranomaly

54.3952, 0.4529, 0.4630

Tritanomaly

53.5735, 0.3862, 0.3846

Monochromacy



Original Color

54.2302, 0.4342, 0.4798

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.4754, 0.3660, 0.4015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2302, 0.4342, 0.4798 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(219, 195, 38)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 38)  
}
```

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(219, 195, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 38) }
```

Border

The CSS property to change the border of an element to Yxy 54.2302, 0.4342, 0.4798 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(219, 195, 38) }
```

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

```
.border{ border-color:rgb(219, 195, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 38);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2302, 0.4342, 0.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 38) }
```

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

```
.background{ background-color: rgb(219,  
195, 38) }
```

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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