

Converting Colors

$Yxy(54.3409, 0.4227, 0.4645)$

Have a look what the booklet for
Yxy(54.3409, 0.4227, 0.4645)
contains.

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Color

Yxy(54.3409, 0.4227, 0.4645)

Conversions

Conversions Part 1

Format	Color
Hex	DAC343
RGB	218, 195, 67
RGB Percent	85%, 76%, 26%
CMY	0.1449, 0.2353, 0.7372
CMYK	0.00, 0.11, 0.69, 0.14
HSL	51°, 67%, 56%
HSV	51°, 69%, 86%
XYZ	49.4508, 54.3409, 13.1962
YIQ	187.2850, 54.7960, -34.9320

Conversions

Conversions Part 2

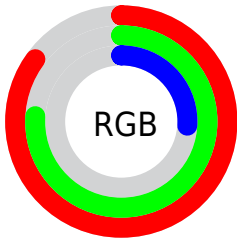
Format	Color
R _Y B	94, 218, 67
Decimal	14336835
CIE Lab	78.66, -5.87, 64.23
CIE LCh	79, 64.500, 95.225
Yxy	54.3409, 0.4227, 0.4645
Android (android.graphics.Color)	4292526915 (0xFFDAC343)
YUV	187.2850, -59.3005, 26.9371
Hunter-Lab	73.7163, -9.2610, 40.9877

Details

The Yxy color **54.3409, 0.4227, 0.4645** 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 **13.5828, 0.1860, 0.1355**, and the grayscale version is **50.1869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6595, 0.3907, 0.4519**, and **26.7169, 0.4392, 0.4895** is the 20% darker color. If you saturate the color by 10%, you get **52.6546, 0.4342, 0.4745**, and if you desaturate by 10%, it is **56.1641, 0.4088, 0.4503**.

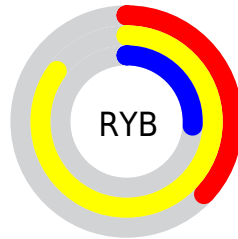
Distribution



Red (85%)

Green (76%)

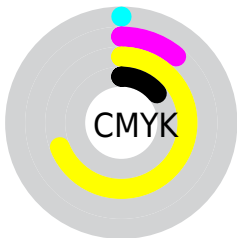
Blue (26%)



Red (37%)

Yellow (85%)

Blue (26%)

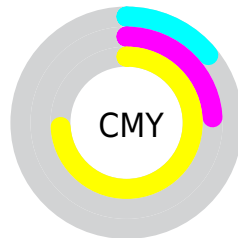


Cyan (0%)

Magenta (11%)

Yellow (69%)

Black (14%)



Cyan (14%)


Magenta (24%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3409, 0.4227, 0.4645 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 54.3409, 0.4227, 0.4645 by changing the saturation by 10% instead.


 54.3409, 0.4227,
0.4645


 54.3409, 0.4227,
0.4645


403.4086, 0.3743,
0.4027

 38.8743, 0.4318,
0.4770


 96.5746, 0.4072,
0.4441


 26.6619, 0.4417,
0.4911


 124.1105, 0.4007,
0.4357

 17.3195, 0.4516,
0.5064


 156.4382, 0.3950,
0.4284

 10.4625, 0.4644,
0.5271

 193.9422, 0.3899,
0.4220

 5.7067, 0.4641,
0.5359

 237.0068, 0.3854,
0.4163

 2.6676, 0.4573,
0.5427

286.0165, 0.3813,

 0.9607, 0.4442,

0.4113

0.5558

341.3557, 0.3776,
0.4067

■ 0.0000, 0.0000,
0.0000

■ 54.3409, 0.4227,
0.4645

■ 54.3409, 0.4227,
0.4645

■ 52.6546, 0.4342,
0.4745

■ 56.1641, 0.4088,
0.4503

■ 51.0854, 0.4429,
0.4800

■ 58.1265, 0.3932,
0.4328

■ 49.6167, 0.4490,
0.4813

■ 60.2397, 0.3766,
0.4129

■ 49.5101, 0.4494,
0.4814

■ 62.5116, 0.3596,
0.3916

■ 64.9497, 0.3429,
0.3698

■ 67.5606, 0.3268,
0.3483

■ 70.3508, 0.3116,
0.3275

■ 73.3263, 0.2976,
0.3078

■ 75.9491, 0.2895,
0.2976

Harmonies

Analogous

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



54.3409, 0.4724, 0.4100



54.3409, 0.4227, 0.4645



54.3409, 0.3478, 0.4874

Triad

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



54.3409, 0.4227, 0.4645



54.3409, 0.1723, 0.2744



54.3409, 0.3428, 0.2412

Complementary

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



54.3409, 0.4227, 0.4645



13.5828, 0.1860, 0.1355

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.



54.3409, 0.2597, 0.2103



54.3409, 0.4227, 0.4645



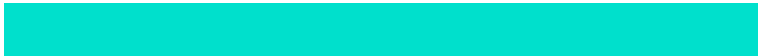
54.3409, 0.1717, 0.2219

Square

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



54.3409, 0.4227, 0.4645



54.3409, 0.2046, 0.3598



54.3409, 0.2009, 0.2025



54.3409, 0.4273, 0.2899

Rectangle

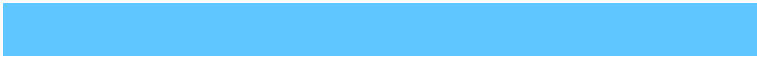
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3409, 0.4227, 0.4645



54.3409, 0.2937, 0.4690



54.3409, 0.2009, 0.2025



54.3409, 0.3134, 0.2286

Sweetspot

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



54.3435, 0.4227, 0.4645



91.9144, 0.3461, 0.3740



19.7049, 0.5072, 0.3040



19.4638, 0.3507, 0.3801



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.



54.3435, 0.4227, 0.4645



74.0520, 0.4384, 0.4775



58.8602, 0.3652, 0.5096



14.9076, 0.3271, 0.3487



29.7778, 0.4489, 0.4818



2.0227, 0.4433, 0.4862

Inverse Universe

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



13.5828, 0.1860, 0.1355



12.8620, 0.1658, 0.0986



12.8886, 0.2149, 0.1256



12.9364, 0.2981, 0.3086



3.7921, 0.1537, 0.0732



0.3485, 0.1608, 0.0988

Previews

White Background



This preview shows how the Yxy color 54.3409, 0.4227, 0.4645 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 54.3409, 0.4227, 0.4645 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 54.3409, 0.4227, 0.4645

Background



This preview shows how black text looks on a background with the Yxy color 54.3409, 0.4227, 0.4645.



This preview shows how white text looks on a background with the Yxy color 54.3409, 0.4227, 0.4645.

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

54.3409, 0.4227, 0.4645

Protanopia

54.3409, 0.4227, 0.4645

Deuteranopia

54.1948, 0.4507, 0.4408



Tritanopia

54.1451, 0.3409, 0.3122

Trichromacy



Original Color

54.3409, 0.4227, 0.4645

Protanomaly

54.3409, 0.4227, 0.4645

Deuteranomaly

54.3173, 0.4403, 0.4495

Tritanomaly

53.7502, 0.3761, 0.3721

Monochromacy



Original Color

54.3409, 0.4227, 0.4645

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8158, 0.3567, 0.3885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3409, 0.4227, 0.4645 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(218, 195, 67)` looks like.

```
.text, #text, p{  
    color:rgb(218, 195, 67)  
}
```

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(218, 195, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 195, 67) }
```

Border

The CSS property to change the border of an element to Yxy 54.3409, 0.4227, 0.4645 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(218, 195, 67) }
```

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

```
.border{ border-color:rgb(218, 195, 67) }
```

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

Here you see how a box with a 4 pixel rgb(218, 195, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 195, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 195, 67);  
box-shadow:4px 4px 4px 4px rgb(218, 195,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3409, 0.4227, 0.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 195, 67) }
```

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

```
.background{ background-color: rgb(218,  
195, 67) }
```

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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