

Converting Colors

Yxy(54.3219, 0.4094, 0.4669)

Have a look what the booklet for
Yxy(54.3219, 0.4094, 0.4669)
contains.

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Color

Yxy(54.4379, 0.4092, 0.4667)

Conversions

Conversions Part 1

Format	Color
Hex	D1C64A
RGB	209, 198, 74
RGB Percent	82%, 78%, 29%
CMY	0.1803, 0.2235, 0.7097
CMYK	0.00, 0.05, 0.65, 0.18
HSL	55°, 59%, 56%
HSV	55°, 65%, 82%
XYZ	47.7309, 54.4379, 14.4756
YIQ	187.1530, 46.3600, -36.2320

Conversions

Conversions Part 2

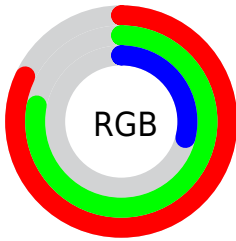
Format	Color
R _Y B	86, 209, 74
Decimal	13747786
CIE Lab	78.72, -10.83, 61.23
CIE LCh	79, 62.180, 100.034
Yxy	54.4379, 0.4092, 0.4667
Android (android.graphics.Color)	4291937866 (0xFFD1C64A)
YUV	187.1530, -55.7844, 19.1598
Hunter-Lab	73.7820, -13.6439, 40.0151

Details

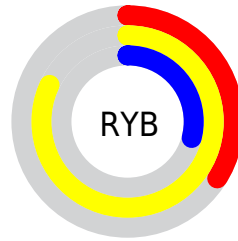
The Yxy color **54.4379, 0.4092, 0.4667** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **12.5686, 0.1912, 0.1366**, and the grayscale version is **50.0912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7021, 0.3864, 0.4493**, and **26.5456, 0.4258, 0.4961** is the 20% darker color. If you saturate the color by 10%, you get **53.4275, 0.4196, 0.4795**, and if you desaturate by 10%, it is **55.5558, 0.3965, 0.4500**.

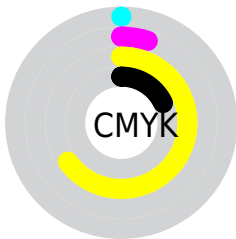
Distribution



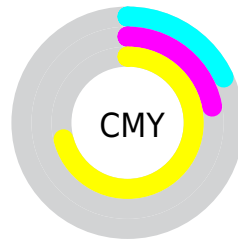
- Red (82%)
- Green (78%)
- Blue (29%)



- Red (34%)
- Yellow (82%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (65%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4379, 0.4092, 0.4667 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 54.4379, 0.4092, 0.4667 by changing the saturation by 10% instead.

■ 54.4379, 0.4092,
0.4667

■ 54.4379, 0.4092,
0.4667

403.7777, 0.3669,
0.4022

■ 38.9519, 0.4171,
0.4804

■ 96.7169, 0.3957,
0.4449

■ 26.7223, 0.4257,
0.4963

■ 124.2787, 0.3900,
0.4362

■ 17.3648, 0.4341,
0.5144

■ 156.6344, 0.3850,
0.4286

■ 10.4949, 0.4432,
0.5370

■ 194.1687, 0.3806,
0.4220

■ 5.7283, 0.4441,
0.5559

■ 237.2657, 0.3766,
0.4162

■ 2.6806, 0.4314,
0.5686

286.3099, 0.3730,

■ 0.9673, 0.4029,

0.4110

0.5971

341.6858, 0.3698,
0.4064

■ 0.0000, 0.0000,
0.0000

■ 54.4379, 0.4092,
0.4667

■ 54.4379, 0.4092,
0.4667

■ 53.4275, 0.4196,
0.4795

■ 55.5558, 0.3965,
0.4500

■ 52.5073, 0.4274,
0.4880

■ 56.7818, 0.3821,
0.4302

■ 51.6679, 0.4325,
0.4922

■ 58.1262, 0.3666,
0.4083

■ 51.2355, 0.4345,
0.4932

■ 59.5955, 0.3507,
0.3853

■ 61.1961, 0.3348,
0.3621

■ 62.9337, 0.3195,
0.3392

■ 64.8138, 0.3050,
0.3173

■ 66.8414, 0.2914,
0.2966

■ 68.5520, 0.2831,
0.2844

Harmonies

Analogous

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



54.4379, 0.4621, 0.4176



54.4379, 0.4092, 0.4667



54.4379, 0.3346, 0.4797

Triad

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



54.4379, 0.4092, 0.4667



54.4379, 0.1744, 0.2662



54.4379, 0.3558, 0.2506

Complementary

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



54.4379, 0.4092, 0.4667



12.5686, 0.1912, 0.1366

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.



54.4379, 0.2733, 0.2172



54.4379, 0.4092, 0.4667



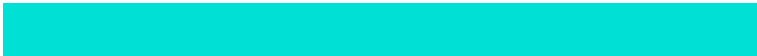
54.4379, 0.1785, 0.2205

Square

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



54.4379, 0.4092, 0.4667



54.4379, 0.2010, 0.3444



54.4379, 0.2116, 0.2058



54.4379, 0.4339, 0.3002

Rectangle

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



54.4379, 0.4092, 0.4667



54.4379, 0.2826, 0.4546



54.4379, 0.2116, 0.2058



54.4379, 0.3271, 0.2373

Sweetspot

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



54.4405, 0.4092, 0.4667



94.7634, 0.3421, 0.3728



19.1213, 0.5045, 0.3173



20.1293, 0.3467, 0.3796



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.



54.4405, 0.4092, 0.4667



83.2807, 0.4225, 0.4828



52.8590, 0.3546, 0.5047



13.6254, 0.3268, 0.3501



31.6509, 0.4343, 0.4934



1.8197, 0.4312, 0.4958

Inverse Universe

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



12.5686, 0.1912, 0.1366



13.1296, 0.1699, 0.0999



14.2746, 0.2336, 0.1437



11.5707, 0.2982, 0.3070



3.1457, 0.1516, 0.0658



0.2311, 0.1566, 0.0836

Previews

White Background



This preview shows how the Yxy color 54.4379, 0.4092, 0.4667 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 54.4379, 0.4092, 0.4667 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 54.4379, 0.4092, 0.4667

Background



This preview shows how black text looks on a background with the Yxy color 54.4379, 0.4092, 0.4667.



This preview shows how white text looks on a background with the Yxy color 54.4379, 0.4092, 0.4667.

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

54.4379, 0.4092, 0.4667

Protanopia

54.2630, 0.4189, 0.4607

Deuteranopia

54.1252, 0.4456, 0.4358



Tritanopia

54.0837, 0.3303, 0.3118

Trichromacy



Original Color

54.4379, 0.4092, 0.4667

Protanomaly

54.2570, 0.4155, 0.4632

Deuteranomaly

54.1857, 0.4319, 0.4467

Tritanomaly

53.7589, 0.3638, 0.3720

Monochromacy



Original Color

54.4379, 0.4092, 0.4667

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.9390, 0.3513, 0.3863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4379, 0.4092, 0.4667 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(209, 198, 74)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 74)  
}
```

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(209, 198, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 74) }
```

Border

The CSS property to change the border of an element to Yxy 54.4379, 0.4092, 0.4667 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(209, 198, 74) }
```

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

```
.border{ border-color:rgb(209, 198, 74) }
```

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

Here you see how a box with a 4 pixel rgb(209, 198, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 74);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4379, 0.4092, 0.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 74) }
```

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

```
.background{ background-color: rgb(209,  
198, 74) }
```

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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