

Converting Colors

Yxy(54.9022, 0.4136, 0.4422)

Have a look what the booklet for
Yxy(54.9022, 0.4136, 0.4422)
contains.

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Color

Yxy(54.8859, 0.4133, 0.4417)

Conversions

Conversions Part 1

Format	Color
Hex	DEC25C
RGB	222, 194, 92
RGB Percent	87%, 76%, 36%
CMY	0.1293, 0.2392, 0.6391
CMYK	0.00, 0.13, 0.59, 0.13
HSL	47°, 66%, 62%
HSV	47°, 59%, 87%
XYZ	51.3569, 54.8859, 18.0178
YIQ	190.7440, 49.4300, -25.7860

Conversions

Conversions Part 2

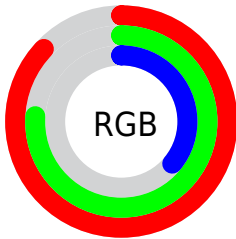
Format	Color
RYB	128, 222, 92
Decimal	14598748
CIELab	78.98, -2.13, 53.95
CIELCh	79, 53.991, 92.262
Yxy	54.8859, 0.4133, 0.4417
Android (android.graphics.Color)	4292788828 (0xFFDEC25C)
YUV	190.7440, -48.6808, 27.4115
Hunter-Lab	74.0850, -5.9098, 37.4399

Details

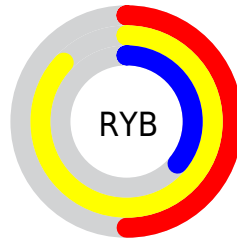
The Yxy color **54.8859, 0.4133, 0.4417** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **21.0024, 0.2075, 0.1791**, and the grayscale version is **52.2149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6755, 0.3791, 0.4315**, and **27.0887, 0.4337, 0.4662** is the 20% darker color. If you saturate the color by 10%, you get **52.4577, 0.4294, 0.4553**, and if you desaturate by 10%, it is **57.5018, 0.3958, 0.4249**.

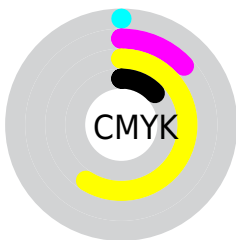
Distribution



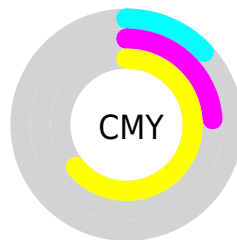
- Red (87%)
- Green (76%)
- Blue (36%)



- Red (50%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8859, 0.4133, 0.4417 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 54.8859, 0.4133, 0.4417 by changing the saturation by 10% instead.


 54.8859, 0.4133,
0.4417

 54.8859, 0.4133,
0.4417

405.4793, 0.3673,
0.3895

 39.3104, 0.4229,
0.4528

 97.3738, 0.3979,
0.4241

 27.0013, 0.4340,
0.4657


 125.0549, 0.3917,
0.4170

 17.5742, 0.4465,
0.4806


 157.5400, 0.3863,
0.4109

 10.6447, 0.4598,
0.4970

 195.2135, 0.3815,
0.4055

 5.8285, 0.4790,
0.5210

238.4598, 0.3773,
0.4008

 2.7411, 0.4766,
0.5234

287.6633, 0.3736,

 0.9981, 0.4723,

0.3966

0.5277

343.2083, 0.3703,
0.3929

0.0000, 0.0000,
0.0000

54.8859, 0.4133,
0.4417

54.8859, 0.4133,
0.4417

52.4577, 0.4294,
0.4553

57.5018, 0.3958,
0.4249

50.1984, 0.4434,
0.4648

60.3073, 0.3777,
0.4060

48.0981, 0.4546,
0.4696

63.3137, 0.3596,
0.3859

46.1378, 0.4629,
0.4699

66.5289, 0.3422,
0.3655

45.8621, 0.4640,
0.4698

69.9606, 0.3258,
0.3455

■ 73.6157, 0.3106,
0.3263

■ 77.5008, 0.2966,
0.3082

■ 80.6420, 0.2923,
0.3056

■ 83.3800, 0.2924,
0.3106

Harmonies

Analogous

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



54.8859, 0.4504, 0.3963



54.8859, 0.4133, 0.4417



54.8859, 0.3515, 0.4604

Triad

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



54.8859, 0.4133, 0.4417



54.8859, 0.1939, 0.2909



54.8859, 0.3314, 0.2503

Complementary

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



54.8859, 0.4133, 0.4417



21.0024, 0.2075, 0.1791

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.



54.8859, 0.2624, 0.2251



54.8859, 0.4133, 0.4417



54.8859, 0.1902, 0.2419

Square

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



54.8859, 0.4133, 0.4417



54.8859, 0.2259, 0.3631



54.8859, 0.2134, 0.2210



54.8859, 0.4023, 0.2920

Rectangle

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



54.8859, 0.4133, 0.4417



54.8859, 0.3054, 0.4471



54.8859, 0.2134, 0.2210



54.8859, 0.3069, 0.2398

Sweetspot

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



54.8885, 0.4133, 0.4417



91.2332, 0.3415, 0.3647



24.5549, 0.4528, 0.2976



19.2442, 0.3465, 0.3706



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.



54.8885, 0.4133, 0.4417



71.1552, 0.4324, 0.4575



63.3741, 0.3664, 0.4826



15.5015, 0.3272, 0.3473



27.4002, 0.4632, 0.4704



2.0255, 0.4551, 0.4768

Inverse Universe

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



21.0024, 0.2075, 0.1791



21.0394, 0.1870, 0.1446



17.5910, 0.2269, 0.1532



13.7202, 0.2981, 0.3101



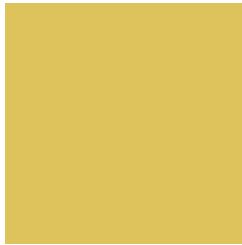
4.5159, 0.1564, 0.0828



0.4441, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 54.8859, 0.4133, 0.4417 looks on a white background.

Color Contrast Check

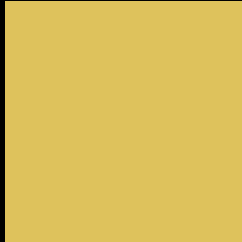
Large Text (above 18pt) WCAG AA × Fail

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 54.8859, 0.4133, 0.4417 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 54.8859, 0.4133, 0.4417

Background



This preview shows how black text looks on a background with the Yxy color 54.8859, 0.4133, 0.4417.



This preview shows how white text looks on a background with the Yxy color 54.8859, 0.4133, 0.4417.

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

54.8859, 0.4133, 0.4417

Protanopia

55.0219, 0.4070, 0.4449

Deuteranopia

54.6267, 0.4341, 0.4245



Tritanopia

54.8871, 0.3424, 0.3134

Trichromacy



Original Color

54.8859, 0.4133, 0.4417

Protanomaly

54.8806, 0.4094, 0.4431

Deuteranomaly

54.6779, 0.4266, 0.4311

Tritanomaly

54.5378, 0.3712, 0.3613

Monochromacy



Original Color

54.8859, 0.4133, 0.4417

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6224, 0.3501, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8859, 0.4133, 0.4417 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(222, 194, 92)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 92)  
}
```

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(222, 194, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 92) }
```

Border

The CSS property to change the border of an element to Yxy 54.8859, 0.4133, 0.4417 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(222, 194, 92) }
```

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

```
.border{ border-color:rgb(222, 194, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 92);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8859, 0.4133, 0.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 92) }
```

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

```
.background{ background-color: rgb(222,  
194, 92) }
```

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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