

Converting Colors

Yxy(53.9968, 0.4144, 0.4215)

Have a look what the booklet for
Yxy(53.9968, 0.4144, 0.4215)
contains.

Yxy(54.0731, 0.4141, 0.4220)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0731, 0.4141, 0.4220)

Conversions

Conversions Part 1

Format	Color
Hex	E5BD69
RGB	229, 189, 105
RGB Percent	90%, 74%, 41%
CMY	0.1019, 0.2588, 0.5883
CMYK	0.00, 0.17, 0.54, 0.10
HSL	41°, 70%, 65%
HSV	41°, 54%, 90%
XYZ	53.0608, 54.0731, 21.0014
YIQ	191.3840, 50.8040, -17.6440

Conversions

Conversions Part 2

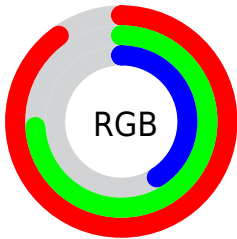
Format	Color
RYB	164, 229, 105
Decimal	15056233
CIELab	78.50, 4.35, 47.38
CIELCh	79, 47.582, 84.749
Yxy	54.0731, 0.4141, 0.4220
Android (android.graphics.Color)	4293246313 (0xFFE5BD69)
YUV	191.3840, -42.5873, 32.9892
Hunter-Lab	73.5344, 0.1165, 34.5409

Details

The Yxy color **54.0731, 0.4141, 0.4220** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.9066, 0.2194, 0.2108**, and the grayscale version is **52.5660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0334, 0.3734, 0.4152**, and **26.5326, 0.4376, 0.4420** is the 20% darker color. If you saturate the color by 10%, you get **50.5692, 0.4347, 0.4353**, and if you desaturate by 10%, it is **57.8707, 0.3932, 0.4061**.

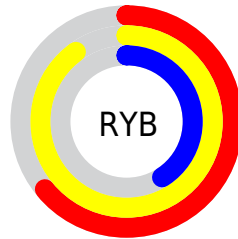
Distribution



Red (90%)

Green (74%)

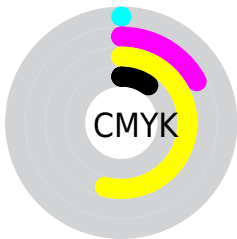
Blue (41%)



Red (64%)

Yellow (90%)

Blue (41%)

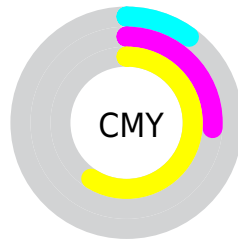


Cyan (0%)

Magenta (17%)

Yellow (54%)

Black (10%)



Cyan (10%)


Magenta (26%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0731, 0.4141, 0.4220 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 54.0731, 0.4141, 0.4220 by changing the saturation by 10% instead.

 54.0731, 0.4141,
0.4220

 54.0731, 0.4141,
0.4220


402.3887, 0.3663,
0.3792


 38.6601, 0.4246,
0.4311

 96.1816, 0.3977,
0.4075


 26.4954, 0.4372,
0.4418


 123.6458, 0.3912,
0.4018

 17.1946, 0.4523,
0.4542


 155.8960, 0.3856,
0.3967

 10.3734, 0.4700,
0.4679

 193.3164, 0.3808,
0.3923

 5.6472, 0.4987,
0.4906

236.2915, 0.3765,
0.3885

 2.6318, 0.5089,
0.4911

285.2056, 0.3727,

 0.9427, 0.5176,

0.3850

0.4824

340.4432, 0.3694,
0.3819

0.0000, 0.0000,
0.0000

54.0731, 0.4141,
0.4220

54.0731, 0.4141,
0.4220

50.5692, 0.4347,
0.4353

57.8707, 0.3932,
0.4061

47.3386, 0.4539,
0.4450

61.9660, 0.3728,
0.3887

44.3692, 0.4708,
0.4500

66.3721, 0.3534,
0.3708

41.6438, 0.4846,
0.4498

71.0991, 0.3355,
0.3530

40.1491, 0.4915,
0.4479

76.1564, 0.3191,
0.3359

■ 81.5527, 0.3043,
0.3196

■ 86.6160, 0.2968,
0.3145

■ 91.0707, 0.2969,
0.3220

■ 95.3986, 0.2970,
0.3290

Harmonies

Analogous

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



54.0731, 0.4384, 0.3792



54.0731, 0.4141, 0.4220



54.0731, 0.3635, 0.4445

Triad

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



54.0731, 0.4141, 0.4220



54.0731, 0.2110, 0.3108



54.0731, 0.3134, 0.2508

Complementary

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



54.0731, 0.4141, 0.4220



28.9066, 0.2194, 0.2108

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.



54.0731, 0.2550, 0.2324



54.0731, 0.4141, 0.4220



54.0731, 0.2008, 0.2605

Square

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



54.0731, 0.4141, 0.4220



54.0731, 0.2466, 0.3760



54.0731, 0.2159, 0.2346



54.0731, 0.3777, 0.2857

Rectangle

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



54.0731, 0.4141, 0.4220



54.0731, 0.3227, 0.4392



54.0731, 0.2159, 0.2346



54.0731, 0.2923, 0.2426

Sweetspot

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



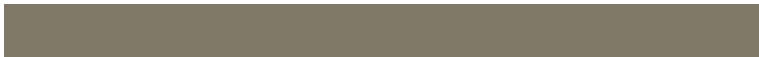
54.0757, 0.4141, 0.4220



89.5348, 0.3388, 0.3564



28.8449, 0.4171, 0.2826



18.8930, 0.3425, 0.3601



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.



54.0757, 0.4141, 0.4220



64.0115, 0.4371, 0.4367



70.5186, 0.3749, 0.4665



15.9923, 0.3275, 0.3449



23.1817, 0.4901, 0.4490



1.8796, 0.4772, 0.4593

Inverse Universe

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



28.9066, 0.2194, 0.2108



28.9139, 0.2006, 0.1814



20.1678, 0.2229, 0.1620



14.6423, 0.2981, 0.3126



6.2175, 0.1627, 0.1056



0.6230, 0.1708, 0.1348

Previews

White Background



This preview shows how the Yxy color 54.0731, 0.4141, 0.4220 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 54.0731, 0.4141, 0.4220 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 54.0731, 0.4141, 0.4220

Background



This preview shows how black text looks on a background with the Yxy color 54.0731, 0.4141, 0.4220.



This preview shows how white text looks on a background with the Yxy color 54.0731, 0.4141, 0.4220.

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

54.0731, 0.4141, 0.4220

Protanopia

54.3879, 0.3958, 0.4314

Deuteranopia

53.9157, 0.4239, 0.4139



Tritanopia

54.0950, 0.3518, 0.3137

Trichromacy



Original Color

54.0731, 0.4141, 0.4220

Protanomaly

54.2406, 0.4021, 0.4286

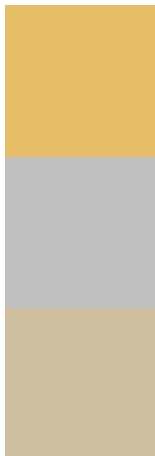
Deuteranomaly

53.8206, 0.4206, 0.4159

Tritanomaly

53.9326, 0.3761, 0.3540

Monochromacy



Original Color

54.0731, 0.4141, 0.4220

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3441, 0.3492, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0731, 0.4141, 0.4220 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(229, 189, 105)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 105)  
}
```

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(229, 189, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 105) }
```

Border

The CSS property to change the border of an element to Yxy 54.0731, 0.4141, 0.4220 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(229, 189, 105) }
```

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

```
.border{ border-color:rgb(229, 189, 105) }
```

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

Here you see how a box with a 4 pixel rgb(229, 189, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 105);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0731, 0.4141, 0.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 105) }
```

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

```
.background{ background-color: rgb(229,  
189, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor