

Converting Colors

Yxy(52.8881, 0.4222, 0.4412)

Have a look what the booklet for
Yxy(52.8881, 0.4222, 0.4412)
contains.

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Color

Yxy(52.9144, 0.4222, 0.4414)

Conversions

Conversions Part 1

Format	Color
Hex	E0BD56
RGB	224, 189, 86
RGB Percent	88%, 74%, 34%
CMY	0.1217, 0.2588, 0.6627
CMYK	0.00, 0.16, 0.62, 0.12
HSL	45°, 69%, 61%
HSV	45°, 62%, 88%
XYZ	50.6127, 52.9144, 16.3514
YIQ	187.7230, 53.9230, -24.6130

Conversions

Conversions Part 2

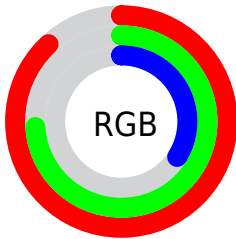
Format	Color
RYB	133, 224, 86
Decimal	14728534
CIELab	77.82, 0.85, 55.46
CIELCh	78, 55.466, 89.118
Yxy	52.9144, 0.4222, 0.4414
Android (android.graphics.Color)	4292918614 (0xFFE0BD56)
YUV	187.7230, -50.1494, 31.8149
Hunter-Lab	72.7423, -3.1020, 37.5920

Details

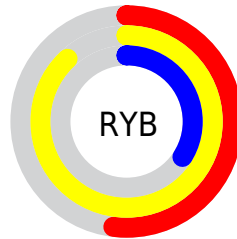
The Yxy color **52.9144, 0.4222, 0.4414** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **21.0274, 0.2037, 0.1775**, and the grayscale version is **50.3917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4289, 0.3844, 0.4328**, and **25.8196, 0.4454, 0.4639** is the 20% darker color. If you saturate the color by 10%, you get **50.2161, 0.4391, 0.4533**, and if you desaturate by 10%, it is **55.8264, 0.4038, 0.4261**.

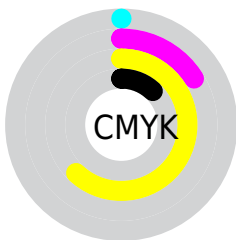
Distribution



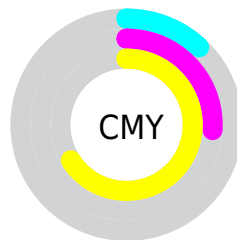
- Red (88%)
- Green (74%)
- Blue (34%)



- Red (52%)
- Yellow (88%)
- Blue (34%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (12%)




- Cyan (12%)
- Magenta (26%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9144, 0.4222, 0.4414 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 52.9144, 0.4222, 0.4414 by changing the saturation by 10% instead.


 52.9144, 0.4222,
0.4414


 52.9144, 0.4222,
0.4414

397.9566, 0.3718,
0.3899

 37.7344, 0.4327,
0.4521


 94.4784, 0.4053,
0.4242

 25.7766, 0.4449,
0.4643


 121.6312, 0.3985,
0.4172

 16.6566, 0.4585,
0.4780


 153.5438, 0.3926,
0.4112

 9.9900, 0.4736,
0.4928

 190.6005, 0.3874,
0.4059

 5.3923, 0.4907,
0.5093

233.1857, 0.3828,
0.4012

 2.4792, 0.4917,
0.5083

281.6839, 0.3787,

 0.8662, 0.4935,

0.3970

0.5065

336.4794, 0.3750,
0.3932

0.0000, 0.0000,
0.0000

52.9144, 0.4222,
0.4414

52.9144, 0.4222,
0.4414

50.2161, 0.4391,
0.4533

55.8264, 0.4038,
0.4261

47.7119, 0.4538,
0.4608

58.9552, 0.3848,
0.4084

45.3900, 0.4655,
0.4634

62.3128, 0.3660,
0.3893

43.5611, 0.4733,
0.4624

65.9082, 0.3479,
0.3698

69.7494, 0.3308,
0.3505

■ 73.8441, 0.3151,
0.3319

■ 78.1997, 0.3007,
0.3143

■ 82.1490, 0.2936,
0.3079

■ 85.4405, 0.2937,
0.3138

Harmonies

Analogous

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



52.9144, 0.4574, 0.3924



52.9144, 0.4222, 0.4414



52.9144, 0.3599, 0.4658

Triad

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



52.9144, 0.4222, 0.4414



52.9144, 0.1919, 0.2960



52.9144, 0.3239, 0.2440

Complementary

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



52.9144, 0.4222, 0.4414



21.0274, 0.2037, 0.1775

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.



52.9144, 0.2539, 0.2201



52.9144, 0.4222, 0.4414



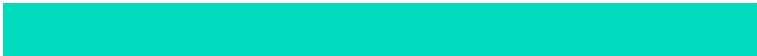
52.9144, 0.1851, 0.2425

Square

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



52.9144, 0.4222, 0.4414



52.9144, 0.2276, 0.3728



52.9144, 0.2062, 0.2183



52.9144, 0.3989, 0.2854

Rectangle

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



52.9144, 0.4222, 0.4414



52.9144, 0.3122, 0.4561



52.9144, 0.2062, 0.2183



52.9144, 0.2988, 0.2338

Sweetspot

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



52.9169, 0.4222, 0.4414



90.1904, 0.3418, 0.3630



23.9257, 0.4541, 0.2888



18.9874, 0.3469, 0.3687



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.



52.9169, 0.4222, 0.4414



66.3705, 0.4437, 0.4559



65.1491, 0.3735, 0.4865



15.4106, 0.3273, 0.3464



25.5544, 0.4723, 0.4632



1.9116, 0.4624, 0.4711

Inverse Universe

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



21.0274, 0.2037, 0.1775



20.4501, 0.1830, 0.1420



15.9034, 0.2159, 0.1414



13.8049, 0.2981, 0.3110



4.9781, 0.1584, 0.0901



0.4869, 0.1666, 0.1197

Previews

White Background



This preview shows how the Yxy color 52.9144, 0.4222, 0.4414 looks on a white background.

Color Contrast Check

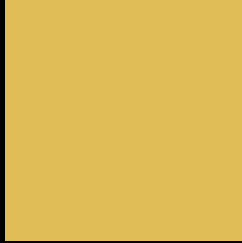
Large Text (above 18pt) WCAG AA × Fail

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 52.9144, 0.4222, 0.4414 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 52.9144, 0.4222, 0.4414

Background



This preview shows how black text looks on a background with the Yxy color 52.9144, 0.4222, 0.4414.



This preview shows how white text looks on a background with the Yxy color 52.9144, 0.4222, 0.4414.

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

52.9144, 0.4222, 0.4414

Protanopia

53.1242, 0.4100, 0.4488

Deuteranopia

52.7487, 0.4377, 0.4279



Tritanopia

52.9260, 0.3502, 0.3146

Trichromacy



Original Color

52.9144, 0.4222, 0.4414

Protanomaly

53.2928, 0.4142, 0.4461

Deuteranomaly

52.7097, 0.4325, 0.4328

Tritanomaly

52.5788, 0.3799, 0.3624

Monochromacy



Original Color

52.9144, 0.4222, 0.4414

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6183, 0.3535, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9144, 0.4222, 0.4414 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(224, 189, 86)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 86)  
}
```

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(224, 189, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 86) }
```

Border

The CSS property to change the border of an element to Yxy 52.9144, 0.4222, 0.4414 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(224, 189, 86) }
```

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

```
.border{ border-color:rgb(224, 189, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 189, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 86);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9144, 0.4222, 0.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 86) }
```

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

```
.background{ background-color: rgb(224,  
189, 86) }
```

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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