

Converting Colors

$Yxy(52.2244, 0.4150, 0.4205)$

Have a look what the booklet for
Yxy(52.2244, 0.4150, 0.4205)
contains.

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Color

Yxy(52.4482, 0.4150, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	E3BA68
RGB	227, 186, 104
RGB Percent	89%, 73%, 41%
CMY	0.1098, 0.2706, 0.5923
CMYK	0.00, 0.18, 0.54, 0.11
HSL	40°, 69%, 65%
HSV	40°, 54%, 89%
XYZ	51.7376, 52.4482, 20.4831
YIQ	188.9110, 50.7580, -16.8100

Conversions

Conversions Part 2

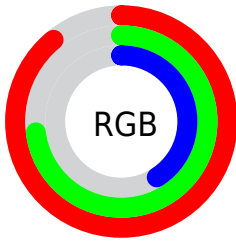
Format	Color
R _Y B	166, 227, 104
Decimal	14924392
CIE Lab	77.55, 5.03, 46.69
CIE LCh	78, 46.962, 83.857
Yxy	52.4482, 0.4150, 0.4207
Android (android.graphics.Color)	4293114472 (0xFFE3BA68)
YUV	188.9110, -41.8611, 33.4041
Hunter-Lab	72.4211, 0.7833, 33.9256

Details

The Yxy color **52.4482, 0.4150, 0.4207** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.7303, 0.2198, 0.2127**, and the grayscale version is **51.0576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1986, 0.3751, 0.4136**, and **25.4671, 0.4393, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **48.9460, 0.4360, 0.4338**, and if you desaturate by 10%, it is **56.2484, 0.3938, 0.4050**.

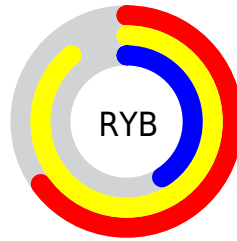
Distribution



Red (89%)

Green (73%)

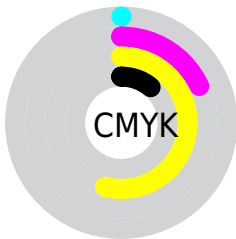
Blue (41%)



Red (65%)

Yellow (89%)

Blue (41%)

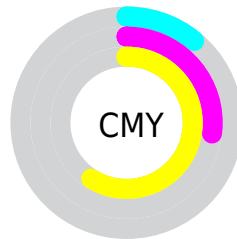


Cyan (0%)

Magenta (18%)

Yellow (54%)

Black (11%)



Cyan (11%)


Magenta (27%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4482, 0.4150, 0.4207 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 52.4482, 0.4150, 0.4207 by changing the saturation by 10% instead.


 52.4482, 0.4150,
0.4207


 52.4482, 0.4150,
0.4207


396.1645, 0.3665,
0.3783

 37.3625, 0.4258,
0.4297


 93.7919, 0.3983,
0.4064

 25.4882, 0.4388,
0.4403


 120.8186, 0.3917,
0.4007

 16.4412, 0.4543,
0.4526


 152.5945, 0.3860,
0.3957

 9.8369, 0.4726,
0.4661

 189.5039, 0.3811,
0.3913

 5.2909, 0.5045,
0.4903

231.9312, 0.3768,
0.3875

 2.4190, 0.5129,
0.4871

280.2608, 0.3729,

 0.8356, 0.5238,

0.3841

0.4762

334.8771, 0.3695,
0.3811

0.0000, 0.0000,
0.0000

52.4482, 0.4150,
0.4207

52.4482, 0.4150,
0.4207

48.9460, 0.4360,
0.4338

56.2484, 0.3938,
0.4050

45.7214, 0.4557,
0.4433

60.3506, 0.3731,
0.3879

42.7624, 0.4731,
0.4480

64.7681, 0.3536,
0.3702

40.0520, 0.4873,
0.4476

69.5109, 0.3356,
0.3527

38.5803, 0.4944,
0.4456

74.5883, 0.3191,
0.3358

80.0092, 0.3043,
0.3199

85.2647, 0.2956,
0.3127

89.7871, 0.2957,
0.3204

94.4971, 0.2958,
0.3280

Harmonies

Analogous

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



52.4482, 0.4382, 0.3777



52.4482, 0.4150, 0.4207



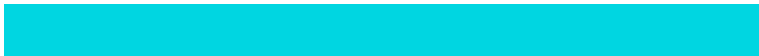
52.4482, 0.3651, 0.4440

Triad

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



52.4482, 0.4150, 0.4207



52.4482, 0.2120, 0.3126



52.4482, 0.3115, 0.2502

Complementary

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



52.4482, 0.4150, 0.4207



28.7303, 0.2198, 0.2127

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.



52.4482, 0.2536, 0.2324



52.4482, 0.4150, 0.4207



52.4482, 0.2010, 0.2618

Square

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



52.4482, 0.4150, 0.4207



52.4482, 0.2482, 0.3778



52.4482, 0.2154, 0.2353



52.4482, 0.3757, 0.2846

Rectangle

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



52.4482, 0.4150, 0.4207



52.4482, 0.3245, 0.4395



52.4482, 0.2154, 0.2353



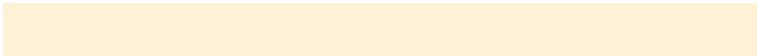
52.4482, 0.2906, 0.2422

Sweetspot

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



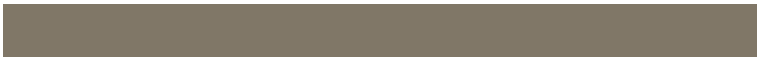
52.4507, 0.4150, 0.4207



89.2743, 0.3389, 0.3560



28.2700, 0.4172, 0.2826



18.8307, 0.3426, 0.3596



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.



52.4507, 0.4150, 0.4207



63.1825, 0.4384, 0.4352



69.1378, 0.3749, 0.4665



15.9654, 0.3276, 0.3446



22.7202, 0.4930, 0.4467



1.8480, 0.4795, 0.4574

Inverse Universe

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



28.7303, 0.2198, 0.2127



29.4518, 0.2011, 0.1837



19.7604, 0.2229, 0.1619



14.6680, 0.2981, 0.3129



6.4130, 0.1634, 0.1083



0.6398, 0.1716, 0.1376

Previews

White Background



This preview shows how the Yxy color 52.4482, 0.4150, 0.4207 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 52.4482, 0.4150, 0.4207 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 52.4482, 0.4150, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 52.4482, 0.4150, 0.4207.

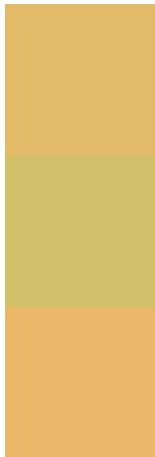


This preview shows how white text looks on a background with the Yxy color 52.4482, 0.4150, 0.4207.

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

52.4482, 0.4150, 0.4207

Protanopia

52.5888, 0.3956, 0.4305

Deuteranopia

52.5491, 0.4233, 0.4139



Tritanopia

52.4305, 0.3533, 0.3135

Trichromacy



Original Color

52.4482, 0.4150, 0.4207

Protanomaly

52.5985, 0.4028, 0.4273

Deuteranomaly

52.4567, 0.4200, 0.4159

Tritanomaly

52.3015, 0.3771, 0.3531

Monochromacy



Original Color

52.4482, 0.4150, 0.4207

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1316, 0.3495, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4482, 0.4150, 0.4207 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(227, 186, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 104)  
}
```

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(227, 186, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 104) }
```

Border

The CSS property to change the border of an element to Yxy 52.4482, 0.4150, 0.4207 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(227, 186, 104) }
```

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

```
.border{ border-color:rgb(227, 186, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 186, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 186, 104); box-shadow:4px 4px 4px 4px rgb(227, 186, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4482, 0.4150, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 104) }
```

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

```
.background{ background-color: rgb(227,  
186, 104) }
```

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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