

Converting Colors

$Yxy(52.8014, 0.4345, 0.4416)$

Have a look what the booklet for
Yxy(52.8014, 0.4345, 0.4416)
contains.

Yxy(52.6712, 0.4348, 0.4410)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6712, 0.4348, 0.4410)

Conversions

Conversions Part 1

Format	Color
Hex	E7BA4F
RGB	231, 186, 79
RGB Percent	91%, 73%, 31%
CMY	0.0940, 0.2706, 0.6900
CMYK	0.00, 0.19, 0.66, 0.09
HSL	42°, 76%, 61%
HSV	42°, 66%, 91%
XYZ	51.9307, 52.6712, 14.8339
YIQ	187.2570, 61.1670, -23.7370

Conversions

Conversions Part 2

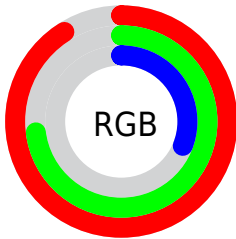
Format	Color
RYB	143, 231, 79
Decimal	15186511
CIELab	77.68, 4.96, 58.61
CIELCh	78, 58.817, 85.161
Yxy	52.6712, 0.4348, 0.4410
Android (android.graphics.Color)	4293376591 (0xFFE7BA4F)
YUV	187.2570, -53.3707, 38.3626
Hunter-Lab	72.5749, 0.7188, 38.6839

Details

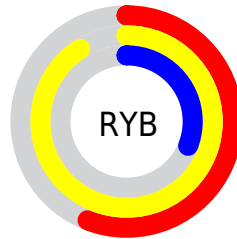
The Yxy color **52.6712, 0.4348, 0.4410** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **21.8653, 0.1985, 0.1746**, and the grayscale version is **50.1325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4302, 0.3896, 0.4364**, and **25.6036, 0.4602, 0.4613** is the 20% darker color. If you saturate the color by 10%, you get **49.5788, 0.4526, 0.4504**, and if you desaturate by 10%, it is **56.0237, 0.4153, 0.4277**.

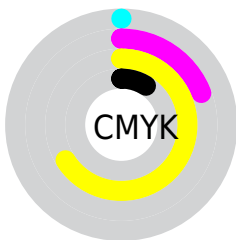
Distribution



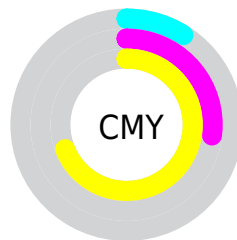
- Red (91%)
- Green (73%)
- Blue (31%)



- Red (56%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6712, 0.4348, 0.4410 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 52.6712, 0.4348, 0.4410 by changing the saturation by 10% instead.


 52.6712, 0.4348,
0.4410

 52.6712, 0.4348,
0.4410

397.0224, 0.3786,
0.3910


 37.5404, 0.4464,
0.4508


 94.1204, 0.4160,
0.4247

 25.6261, 0.4597,
0.4617


 121.2075, 0.4085,
0.4180


 16.5442, 0.4746,
0.4732


 153.0488, 0.4019,
0.4121

 9.9100, 0.4922,
0.4860

 190.0287, 0.3961,
0.4068

 5.3393, 0.5068,
0.4932

 232.5316, 0.3909,
0.4022

 2.4477, 0.5125,
0.4875

280.9420, 0.3864,

 0.8503, 0.5230,

0.3980

0.4770

335.6441, 0.3823,
0.3943

0.0000, 0.0000,
0.0000

52.6712, 0.4348,
0.4410

52.6712, 0.4348,
0.4410

49.5788, 0.4526,
0.4504

56.0237, 0.4153,
0.4277

46.7242, 0.4679,
0.4550

59.6414, 0.3952,
0.4117

44.0923, 0.4800,
0.4546

63.5383, 0.3753,
0.3939

43.0384, 0.4845,
0.4535

67.7249, 0.3561,
0.3754

72.2110, 0.3381,
0.3569

■ 77.0058, 0.3216,
0.3390

■ 82.1179, 0.3066,
0.3219

■ 86.9719, 0.2981,
0.3146

■ 91.0942, 0.2981,
0.3216

Harmonies

Analogous

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



52.6712, 0.4676, 0.3871



52.6712, 0.4348, 0.4410



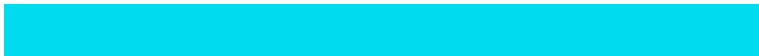
52.6712, 0.3714, 0.4733

Triad

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



52.6712, 0.4348, 0.4410



52.6712, 0.1885, 0.3031



52.6712, 0.3136, 0.2351

Complementary

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



52.6712, 0.4348, 0.4410



21.8653, 0.1985, 0.1746

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.



52.6712, 0.2423, 0.2129



52.6712, 0.4348, 0.4410



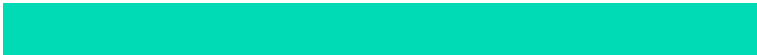
52.6712, 0.1778, 0.2428

Square

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



52.6712, 0.4348, 0.4410



52.6712, 0.2297, 0.3868



52.6712, 0.1960, 0.2140



52.6712, 0.3943, 0.2763

Rectangle

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



52.6712, 0.4348, 0.4410



52.6712, 0.3214, 0.4690



52.6712, 0.1960, 0.2140



52.6712, 0.2876, 0.2253

Sweetspot

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



52.6738, 0.4348, 0.4410



87.8763, 0.3457, 0.3649



24.0612, 0.4621, 0.2819



18.4713, 0.3508, 0.3701



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.



52.6738, 0.4348, 0.4410



60.6977, 0.4585, 0.4527



70.0922, 0.3797, 0.4930



16.0583, 0.3275, 0.3455



24.3496, 0.4832, 0.4545



1.9590, 0.4717, 0.4637

Inverse Universe

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



21.8653, 0.1985, 0.1746



19.8526, 0.1789, 0.1394



14.6474, 0.2043, 0.1269



14.5795, 0.2981, 0.3120



5.7695, 0.1609, 0.0993



0.5837, 0.1689, 0.1281

Previews

White Background



This preview shows how the Yxy color 52.6712, 0.4348, 0.4410 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 52.6712, 0.4348, 0.4410 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 52.6712, 0.4348, 0.4410

Background



This preview shows how black text looks on a background with the Yxy color 52.6712, 0.4348, 0.4410.



This preview shows how white text looks on a background with the Yxy color 52.6712, 0.4348, 0.4410.

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

52.6712, 0.4348, 0.4410

Protanopia

52.5895, 0.4142, 0.4531

Deuteranopia

52.7969, 0.4435, 0.4338



Tritanopia

52.6415, 0.3588, 0.3148

Trichromacy



Original Color

52.6712, 0.4348, 0.4410

Protanomaly

52.6217, 0.4215, 0.4492

Deuteranomaly

52.6930, 0.4401, 0.4361

Tritanomaly

52.2112, 0.3909, 0.3641

Monochromacy



Original Color

52.6712, 0.4348, 0.4410

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3753, 0.3581, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6712, 0.4348, 0.4410 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(231, 186, 79)` looks like.

```
.text, #text, p{  
    color:rgb(231, 186, 79)  
}
```

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(231, 186, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 186, 79) }
```

Border

The CSS property to change the border of an element to Yxy 52.6712, 0.4348, 0.4410 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(231, 186, 79) }
```

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

```
.border{ border-color:rgb(231, 186, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 186, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 186, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 186, 79); box-shadow:4px 4px 4px 4px rgb(231, 186, 79) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6712, 0.4348, 0.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 186, 79) }
```

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

```
.background{ background-color: rgb(231,  
186, 79) }
```

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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