

Converting Colors

Yxy(50.7307, 0.4279, 0.4342)

Have a look what the booklet for
Yxy(50.7307, 0.4279, 0.4342)
contains.

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Color

Yxy(50.7238, 0.4278, 0.4339)

Conversions

Conversions Part 1

Format	Color
Hex	E2B757
RGB	226, 183, 87
RGB Percent	89%, 72%, 34%
CMY	0.1138, 0.2823, 0.6589
CMYK	0.00, 0.19, 0.62, 0.11
HSL	41°, 71%, 61%
HSV	41°, 62%, 89%
XYZ	50.0107, 50.7238, 16.1676
YIQ	184.9130, 56.4440, -20.7400

Conversions

Conversions Part 2

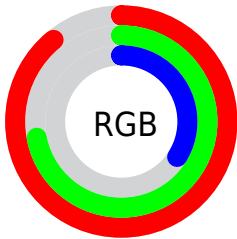
Format	Color
RYB	149, 226, 87
Decimal	14858071
CIELab	76.51, 4.90, 53.60
CIELCh	77, 53.819, 84.776
Yxy	50.7238, 0.4278, 0.4339
Android (android.graphics.Color)	4293048151 (0xFFE2B757)
YUV	184.9130, -48.2711, 36.0333
Hunter-Lab	71.2206, 0.7055, 36.3952

Details

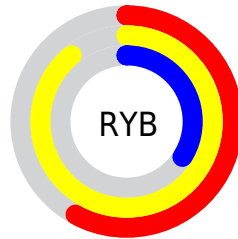
The Yxy color **50.7238, 0.4278, 0.4339** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **23.4636, 0.2063, 0.1889**, and the grayscale version is **48.7142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8865, 0.3864, 0.4268**, and **24.2962, 0.4531, 0.4547** is the 20% darker color. If you saturate the color by 10%, you get **47.6027, 0.4469, 0.4449**, and if you desaturate by 10%, it is **54.1083, 0.4075, 0.4195**.

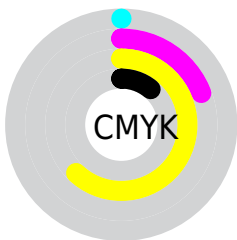
Distribution



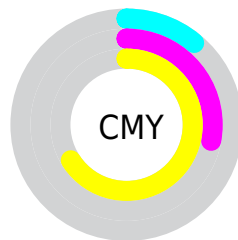
- Red (89%)
- Green (72%)
- Blue (34%)



- Red (58%)
- Yellow (89%)
- Blue (34%)



- Cyan (0%)
- Magenta (19%)
- Yellow (62%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7238, 0.4278, 0.4339 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 50.7238, 0.4278, 0.4339 by changing the saturation by 10% instead.


 50.7238, 0.4278,
0.4339


 50.7238, 0.4278,
0.4339


389.4897, 0.3738,
0.3861


 35.9888, 0.4394,
0.4437


 91.2464, 0.4095,
0.4180

 24.4256, 0.4529,
0.4548


 117.8028, 0.4022,
0.4116

 15.6496, 0.4685,
0.4669


 149.0685, 0.3959,
0.4059

 9.2766, 0.4863,
0.4798

 185.4278, 0.3903,
0.4010

 4.9220, 0.5071,
0.4929

227.2652, 0.3855,
0.3966

 2.2016, 0.5131,
0.4869

274.9651, 0.3811,

 0.7209, 0.5275,

0.3927

0.4725

328.9118, 0.3773,
0.3892

0.0000, 0.0000,
0.0000

50.7238, 0.4278,
0.4339

50.7238, 0.4278,
0.4339

47.6027, 0.4469,
0.4449

54.1083, 0.4075,
0.4195

44.7245, 0.4640,
0.4514

57.7606, 0.3871,
0.4029

42.0760, 0.4781,
0.4530

61.6939, 0.3672,
0.3850

39.9866, 0.4878,
0.4509

65.9181, 0.3483,
0.3667

70.4423, 0.3309,
0.3488

■ 75.2754, 0.3150,
0.3315

■ 80.4254, 0.3006,
0.3153

■ 85.0508, 0.2949,
0.3126

■ 89.2168, 0.2950,
0.3197

Harmonies

Analogous

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



50.7238, 0.4571, 0.3840



50.7238, 0.4278, 0.4339



50.7238, 0.3692, 0.4626

Triad

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



50.7238, 0.4278, 0.4339



50.7238, 0.1969, 0.3066



50.7238, 0.3129, 0.2406

Complementary

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



50.7238, 0.4278, 0.4339



23.4636, 0.2063, 0.1889

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.



50.7238, 0.2465, 0.2199



50.7238, 0.4278, 0.4339



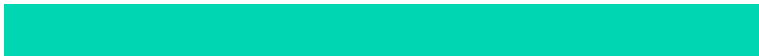
50.7238, 0.1861, 0.2497

Square

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



50.7238, 0.4278, 0.4339



50.7238, 0.2364, 0.3834



50.7238, 0.2030, 0.2216



50.7238, 0.3876, 0.2793

Rectangle

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



50.7238, 0.4278, 0.4339



50.7238, 0.3226, 0.4580



50.7238, 0.2030, 0.2216



50.7238, 0.2888, 0.2314

Sweetspot

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



50.7262, 0.4278, 0.4339



88.6693, 0.3423, 0.3606



24.6165, 0.4433, 0.2809



18.6135, 0.3475, 0.3659



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.



50.7262, 0.4278, 0.4339



61.4454, 0.4523, 0.4473



67.4122, 0.3789, 0.4832



15.2774, 0.3275, 0.3451



23.0387, 0.4865, 0.4519



1.7537, 0.4736, 0.4621

Inverse Universe

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



23.4636, 0.2063, 0.1889



22.9593, 0.1863, 0.1550



15.7785, 0.2106, 0.1392



13.9308, 0.2981, 0.3123



5.8062, 0.1618, 0.1025



0.5580, 0.1704, 0.1333

Previews

White Background



This preview shows how the Yxy color 50.7238, 0.4278, 0.4339 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 50.7238, 0.4278, 0.4339 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 50.7238, 0.4278, 0.4339

Background



This preview shows how black text looks on a background with the Yxy color 50.7238, 0.4278, 0.4339.



This preview shows how white text looks on a background with the Yxy color 50.7238, 0.4278, 0.4339.

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

50.7238, 0.4278, 0.4339

Protanopia

50.6718, 0.4070, 0.4454

Deuteranopia

50.6707, 0.4356, 0.4271



Tritanopia

50.5426, 0.3568, 0.3134

Trichromacy



Original Color

50.7238, 0.4278, 0.4339

Protanomaly

50.6923, 0.4144, 0.4417

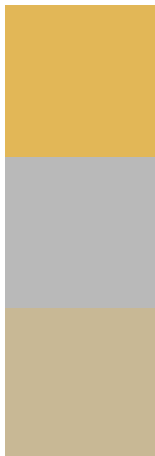
Deuteranomaly

50.5753, 0.4322, 0.4293

Tritanomaly

50.2416, 0.3858, 0.3590

Monochromacy



Original Color

50.7238, 0.4278, 0.4339

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7303, 0.3554, 0.3734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7238, 0.4278, 0.4339 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(226, 183, 87)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 87)  
}
```

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(226, 183, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 87) }
```

Border

The CSS property to change the border of an element to Yxy 50.7238, 0.4278, 0.4339 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(226, 183, 87) }
```

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

```
.border{ border-color:rgb(226, 183, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 87);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7238, 0.4278, 0.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 87) }
```

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

```
.background{ background-color: rgb(226,  
183, 87) }
```

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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