

Converting Colors

$Yxy(44.2426, 0.4346, 0.4074)$

Have a look what the booklet for
Yxy(44.2426, 0.4346, 0.4074)
contains.

Yxy(44.2857, 0.4341, 0.4081)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.2857, 0.4341, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	E2A660
RGB	226, 166, 96
RGB Percent	89%, 65%, 38%
CMY	0.1138, 0.3490, 0.6236
CMYK	0.00, 0.27, 0.58, 0.11
HSL	32°, 69%, 63%
HSV	32°, 58%, 89%
XYZ	47.1071, 44.2857, 17.1239
YIQ	175.9600, 58.2300, -9.0500

Conversions

Conversions Part 2

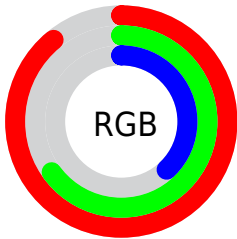
Format	Color
RYB	207, 226, 96
Decimal	14853728
CIELab	72.42, 14.57, 44.49
CIELCh	72, 46.817, 71.866
Yxy	44.2857, 0.4341, 0.4081
Android (android.graphics.Color)	4293043808 (0xFFE2A660)
YUV	175.9600, -39.4203, 43.8851
Hunter-Lab	66.5475, 9.8971, 31.3268

Details

The Yxy color **44.2857, 0.4341, 0.4081** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7330, 0.2195, 0.2289**, and the grayscale version is **43.5804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1110, 0.3889, 0.4033**, and **20.4474, 0.4653, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **40.2919, 0.4601, 0.4176**, and if you desaturate by 10%, it is **48.7106, 0.4086, 0.3958**.

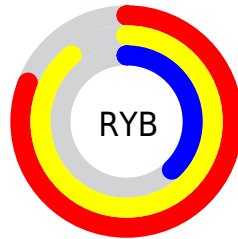
Distribution



Red (89%)

Green (65%)

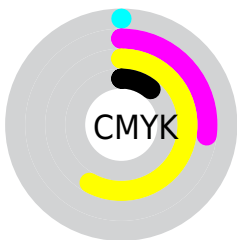
Blue (38%)



Red (81%)

Yellow (89%)

Blue (38%)

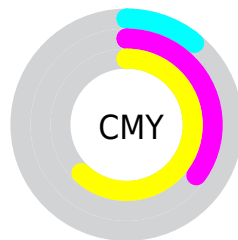


Cyan (0%)

Magenta (27%)

Yellow (58%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2857, 0.4341, 0.4081 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 44.2857, 0.4341, 0.4081 by changing the saturation by 10% instead.


 44.2857, 0.4341,
0.4081

 44.2857, 0.4341,
0.4081

363.8729, 0.3742,
0.3722

 30.8952, 0.4481,
0.4153


 81.6475, 0.4129,
0.3962


 20.5190, 0.4651,
0.4235


 106.3875, 0.4048,
0.3914

 12.7729, 0.4861,
0.4320


 135.6795, 0.3978,
0.3871

 7.2723, 0.5119,
0.4399


 169.9079, 0.3918,
0.3834

 3.6330, 0.5504,
0.4496

209.4570, 0.3865,
0.3801

 1.4705, 0.5711,
0.4289

254.7113, 0.3819,

 0.2678, 0.6950,

0.3772

0.3050

306.0551, 0.3779,
0.3745

0.0000, 0.0000,
0.0000

44.2857, 0.4341,
0.4081

44.2857, 0.4341,
0.4081

40.2919, 0.4601,
0.4176

48.7106, 0.4086,
0.3958

36.7050, 0.4852,
0.4230

53.5765, 0.3844,
0.3820

33.5071, 0.5078,
0.4233

58.9007, 0.3623,
0.3675

30.6738, 0.5267,
0.4182

64.6975, 0.3423,
0.3530

30.0231, 0.5311,
0.4165

70.9803, 0.3246,
0.3390

■ 77.7619, 0.3091,
0.3258

■ 85.0548, 0.2954,
0.3135

■ 91.3888, 0.2951,
0.3233

■ 94.9064, 0.2952,
0.3289

Harmonies

Analogous

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



44.2857, 0.4441, 0.3593



44.2857, 0.4341, 0.4081



44.2857, 0.3907, 0.4439

Triad

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



44.2857, 0.4341, 0.4081



44.2857, 0.2190, 0.3383



44.2857, 0.2850, 0.2368

Complementary

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



44.2857, 0.4341, 0.4081



31.7330, 0.2195, 0.2289

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.



44.2857, 0.2318, 0.2263



44.2857, 0.4341, 0.4081



44.2857, 0.1970, 0.2764

Square

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



44.2857, 0.4341, 0.4081



44.2857, 0.2662, 0.4064



44.2857, 0.2017, 0.2385



44.2857, 0.3525, 0.2663

Rectangle

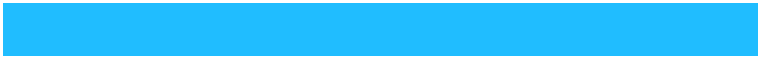
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.2857, 0.4341, 0.4081



44.2857, 0.3506, 0.4511



44.2857, 0.2017, 0.2385



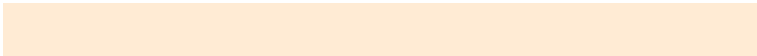
44.2857, 0.2650, 0.2309

Sweetspot

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



44.2879, 0.4341, 0.4081



85.4148, 0.3416, 0.3524



26.9490, 0.4027, 0.2609



17.9402, 0.3454, 0.3553



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.



44.2879, 0.4341, 0.4081



52.0355, 0.4650, 0.4190



70.7034, 0.3913, 0.4664



14.9176, 0.3279, 0.3416



17.3709, 0.5289, 0.4182



1.3827, 0.5074, 0.4353

Inverse Universe

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



31.7330, 0.2195, 0.2289



34.0989, 0.2024, 0.2037



16.5773, 0.2040, 0.1458



14.2800, 0.2981, 0.3160



9.0413, 0.1738, 0.1457



0.8044, 0.1819, 0.1750

Previews

White Background



This preview shows how the Yxy color 44.2857, 0.4341, 0.4081 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 44.2857, 0.4341, 0.4081 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 44.2857, 0.4341, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 44.2857, 0.4341, 0.4081.



This preview shows how white text looks on a background with the Yxy color 44.2857, 0.4341, 0.4081.

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

44.2857, 0.4341, 0.4081

Protanopia

44.3630, 0.3933, 0.4284

Deuteranopia

44.4811, 0.4244, 0.4163



Tritanopia

44.1343, 0.3752, 0.3154

Trichromacy



Original Color

44.2857, 0.4341, 0.4081

Protanomaly

44.2948, 0.4071, 0.4209

Deuteranomaly

44.5743, 0.4280, 0.4141

Tritanomaly

43.9176, 0.3993, 0.3501

Monochromacy



Original Color

44.2857, 0.4341, 0.4081

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0810, 0.3551, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2857, 0.4341, 0.4081 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, 166, 96)` looks like.

```
.text, #text, p{  
    color:rgb(226, 166, 96)  
}
```

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, 166, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 166, 96) }
```

Border

The CSS property to change the border of an element to Yxy 44.2857, 0.4341, 0.4081 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, 166, 96) }
```

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

```
.border{ border-color:rgb(226, 166, 96) }
```

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

Here you see how a box with a 4 pixel rgb(226, 166, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 166, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 166, 96);  
box-shadow:4px 4px 4px 4px rgb(226, 166,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2857, 0.4341, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 166, 96) }
```

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

```
.background{ background-color: rgb(226,  
166, 96) }
```

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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