

Converting Colors

Yxy(55.6981, 0.3874, 0.4042)

Have a look what the booklet for
Yxy(55.6981, 0.3874, 0.4042)
contains.

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Color

Yxy(55.6981, 0.3874, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	DEC281
RGB	222, 194, 129
RGB Percent	87%, 76%, 51%
CMY	0.1294, 0.2392, 0.4940
CMYK	0.00, 0.13, 0.42, 0.13
HSL	42°, 58%, 69%
HSV	42°, 42%, 87%
XYZ	53.3831, 55.6981, 28.7172
YIQ	194.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

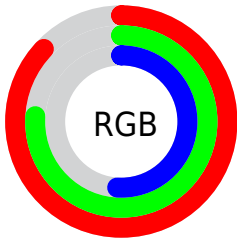
Format	Color
R_{YB}	169, 222, 129
Decimal	14598785
CIE _{Lab}	79.44, 1.15, 36.29
CIE _{LCh}	79, 36.313, 88.191
Yxy	55.6981, 0.3874, 0.4042
Android (android.graphics.Color)	4292788865 (0xFFDEC281)
YUV	194.9620, -32.5193, 23.7123
Hunter-Lab	74.6312, -2.9249, 29.4277

Details

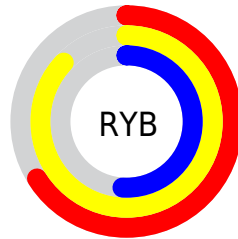
The Yxy color **55.6981, 0.3874, 0.4042** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.0745, 0.2412, 0.2395**, and the grayscale version is **54.7337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0501, 0.3568, 0.3954**, and **27.5991, 0.4054, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **52.2620, 0.4076, 0.4209**, and if you desaturate by 10%, it is **59.4017, 0.3676, 0.3862**.

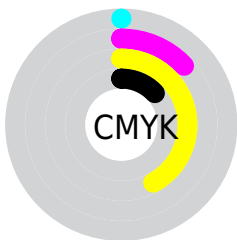
Distribution



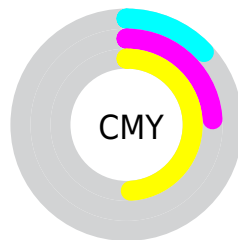
- Red (87%)
- Green (76%)
- Blue (51%)



- Red (66%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (13%)




- Cyan (13%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6981, 0.3874, 0.4042 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 55.6981, 0.3874, 0.4042 by changing the saturation by 10% instead.


 55.6981, 0.3874,
0.4042

 55.6981, 0.3874,
0.4042


408.5528, 0.3518,
0.3686


 39.9609, 0.3956,
0.4123


 98.5630, 0.3750,
0.3918

 27.5081, 0.4055,
0.4222


 126.4596, 0.3702,
0.3870

 17.9552, 0.4180,
0.4344


 159.1780, 0.3660,
0.3828

 10.9178, 0.4335,
0.4496

197.1028, 0.3624,
0.3792

 6.0116, 0.4529,
0.4682

240.6182, 0.3593,
0.3761

 2.8521, 0.4929,
0.5071

290.1088, 0.3565,

 1.0550, 0.4951,

0.3733

0.5049

345.9588, 0.3540,
0.3708

0.0000, 0.0000,
0.0000

55.6981, 0.3874,
0.4042

55.6981, 0.3874,
0.4042

52.2620, 0.4076,
0.4209

59.4017, 0.3676,
0.3862

49.0755, 0.4276,
0.4354

63.3744, 0.3489,
0.3678

46.1300, 0.4464,
0.4463


67.6274, 0.3315,
0.3496

43.4129, 0.4630,
0.4529

72.1690, 0.3155,
0.3322

40.9094, 0.4766,
0.4544

77.0070, 0.3011,
0.3157

 39.0150, 0.4857,
0.4526

 81.6734, 0.2923,
0.3075

 85.5573, 0.2925,
0.3145

 89.5866, 0.2927,
0.3214

 93.7628, 0.2929,
0.3281

Harmonies

Analogous

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



55.6981, 0.4075, 0.3741



55.6981, 0.3874, 0.4042



55.6981, 0.3477, 0.4157

Triad

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



55.6981, 0.3874, 0.4042



55.6981, 0.2321, 0.3114



55.6981, 0.3195, 0.2706

Complementary

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



55.6981, 0.3874, 0.4042



34.0745, 0.2412, 0.2395

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.



55.6981, 0.2734, 0.2544



55.6981, 0.3874, 0.4042



55.6981, 0.2259, 0.2742

Square

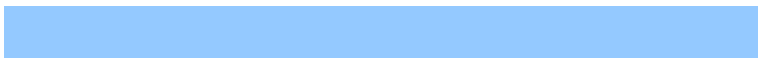
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6981, 0.3874, 0.4042



55.6981, 0.2585, 0.3588



55.6981, 0.2403, 0.2549



55.6981, 0.3671, 0.2997

Rectangle

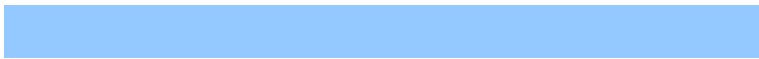
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6981, 0.3874, 0.4042



55.6981, 0.3162, 0.4081



55.6981, 0.2403, 0.2549



55.6981, 0.3033, 0.2636

Sweetspot

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



55.7007, 0.3874, 0.4042



91.8381, 0.3335, 0.3518



33.7262, 0.3854, 0.2941



19.3750, 0.3373, 0.3558



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.



55.7007, 0.3874, 0.4042



72.2175, 0.4046, 0.4186



66.8098, 0.3616, 0.4371



15.2959, 0.3275, 0.3453



23.3747, 0.4845, 0.4535



1.7750, 0.4720, 0.4634

Inverse Universe

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



34.0745, 0.2412, 0.2395



39.0120, 0.2256, 0.2173



27.1024, 0.2481, 0.2044



13.9132, 0.2981, 0.3121



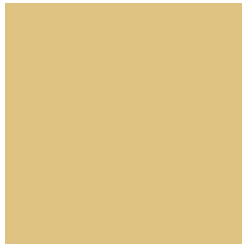
5.6799, 0.1613, 0.1006



0.5475, 0.1698, 0.1313

Previews

White Background



This preview shows how the Yxy color 55.6981, 0.3874, 0.4042 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 55.6981, 0.3874, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

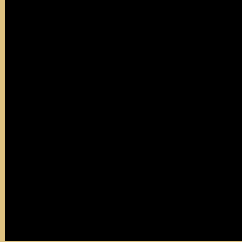
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6981, 0.3874, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 55.6981, 0.3874, 0.4042.



This preview shows how white text looks on a background with the Yxy color 55.6981, 0.3874, 0.4042.

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

55.6981, 0.3874, 0.4042

Protanopia

55.8404, 0.3783, 0.4084

Deuteranopia

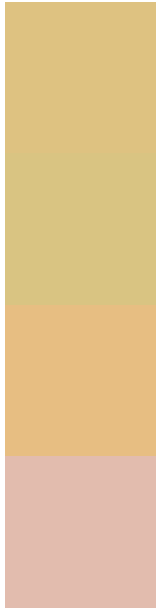
55.4110, 0.4019, 0.3934



Tritanopia

55.5261, 0.3379, 0.3123

Trichromacy



Original Color

55.6981, 0.3874, 0.4042

Protanomaly

55.8433, 0.3814, 0.4065

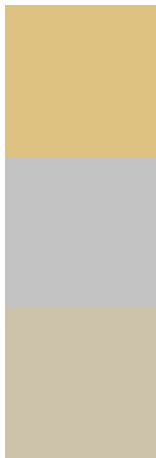
Deuteranomaly

55.4275, 0.3965, 0.3967

Tritanomaly

55.1912, 0.3565, 0.3452

Monochromacy



Original Color

55.6981, 0.3874, 0.4042

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9496, 0.3393, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6981, 0.3874, 0.4042 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(222, 194, 129)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 129)  
}
```

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(222, 194, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 129) }
```

Border

The CSS property to change the border of an element to Yxy 55.6981, 0.3874, 0.4042 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(222, 194, 129) }
```

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

```
.border{ border-color:rgb(222, 194, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 129);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6981, 0.3874, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 129) }
```

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

```
.background{ background-color: rgb(222,  
194, 129) }
```

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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