

Converting Colors

$Y_{xy}(43.4300, 0.4050, 0.3728)$

Have a look what the booklet for
Yxy(43.4300, 0.4050, 0.3728)
contains.

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Color

Yxy(43.2563, 0.4047, 0.3721)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DEA37F |
| RGB | 222, 163, 127 |
| RGB Percent | 87%, 64%, 50% |
| CMY | 0.1295, 0.3607, 0.5020 |
| CMYK | 0.00, 0.27, 0.43, 0.13 |
| HSL | 23°, 59%, 68% |
| HSV | 23°, 43%, 87% |
| XYZ | 47.0460, 43.2563, 25.9468 |
| YIQ | 176.5370, 46.7200, 1.3120 |

Conversions

Conversions Part 2

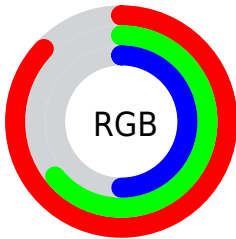
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 185, 127 |
| Decimal | 14590847 |
| CIE Lab | 71.73, 17.38, 27.26 |
| CIE LCh | 72, 32.328, 57.486 |
| Yxy | 43.2563, 0.4047, 0.3721 |
| Android (android.graphics.Color) | 4292780927 (0xFFDEA37F) |
| YUV | 176.5370, -24.4217, 39.8711 |
| Hunter-Lab | 65.7695, 12.5873, 22.6481 |

Details

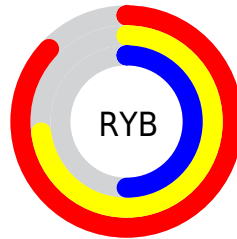
The Yxy color **43.2563, 0.4047, 0.3721** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.8823, 0.2467, 0.2805**, and the grayscale version is **43.8235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6981, 0.3674, 0.3681**, and **19.9040, 0.4325, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **38.1118, 0.4347, 0.3814**, and if you desaturate by 10%, it is **49.0656, 0.3779, 0.3619**.

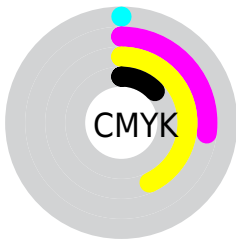
Distribution



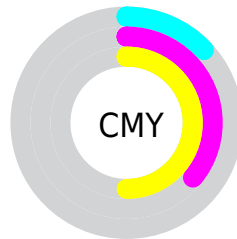
- Red (87%)
- Green (64%)
- Blue (50%)



- Red (87%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2563, 0.4047, 0.3721 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 43.2563, 0.4047, 0.3721 by changing the saturation by 10% instead.


 43.2563, 0.4047,
0.3721

 43.2563, 0.4047,
0.3721


359.6647, 0.3580,
0.3521

 30.0863, 0.4164,
0.3764


 80.0975, 0.3877,
0.3653

 19.9041, 0.4313,
0.3815


 104.5374, 0.3813,
0.3626

 12.3253, 0.4510,
0.3875


 133.5028, 0.3759,
0.3603

 6.9656, 0.4777,
0.3940

167.3780, 0.3713,
0.3582

 3.4406, 0.5163,
0.4006

206.5473, 0.3673,
0.3564

 1.3659, 0.5882,
0.4118

251.3953, 0.3638,

 0.1914, 0.7600,

0.3548

0.2400

302.3063, 0.3607,
0.3534

0.0000, 0.0000,
0.0000

43.2563, 0.4047,
0.3721

43.2563, 0.4047,
0.3721

38.1118, 0.4347,
0.3814

49.0656, 0.3779,
0.3619

33.6005, 0.4672,
0.3887

55.5574, 0.3545,
0.3514

29.6969, 0.5007,
0.3927

62.7564, 0.3343,
0.3412

26.3713, 0.5327,
0.3922

70.6842, 0.3171,
0.3316

23.5903, 0.5605,
0.3864

79.3612, 0.3023,
0.3226

■ 21.8950, 0.5775,
0.3797

■ 88.4690, 0.2926,
0.3195

■ 94.2655, 0.2929,
0.3289

Harmonies

Analogous

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



43.2563, 0.3970, 0.3355



43.2563, 0.4047, 0.3721



43.2563, 0.3859, 0.4015

Triad

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



43.2563, 0.4047, 0.3721



43.2563, 0.2610, 0.3590



43.2563, 0.2737, 0.2564

Complementary

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



43.2563, 0.4047, 0.3721



44.8823, 0.2467, 0.2805

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.



43.2563, 0.2419, 0.2574



43.2563, 0.4047, 0.3721



43.2563, 0.2349, 0.3131

Square

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



43.2563, 0.4047, 0.3721



43.2563, 0.3020, 0.3977



43.2563, 0.2283, 0.2766



43.2563, 0.3183, 0.2717

Rectangle

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



43.2563, 0.4047, 0.3721



43.2563, 0.3620, 0.4118



43.2563, 0.2283, 0.2766



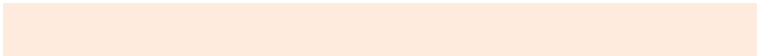
43.2563, 0.2613, 0.2548

Sweetspot

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



43.2584, 0.4047, 0.3721



85.6123, 0.3349, 0.3415



34.2977, 0.3531, 0.2593



17.8385, 0.3391, 0.3438



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.



43.2584, 0.4047, 0.3721



53.1169, 0.4304, 0.3802



62.8110, 0.3818, 0.4220



14.5482, 0.3283, 0.3379



13.2066, 0.5748, 0.3818



1.0842, 0.5460, 0.4047

Inverse Universe

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



44.8823, 0.2467, 0.2805



55.5637, 0.2345, 0.2686



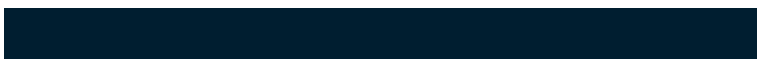
28.4414, 0.2357, 0.2144



14.6533, 0.2981, 0.3199



14.1168, 0.1890, 0.2002



1.1495, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 43.2563, 0.4047, 0.3721 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 43.2563, 0.4047, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

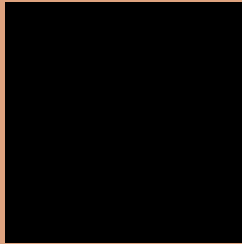
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2563, 0.4047, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 43.2563, 0.4047, 0.3721.



This preview shows how white text looks on a background with the Yxy color 43.2563, 0.4047, 0.3721.

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

43.2563, 0.4047, 0.3721

Protanopia

43.4355, 0.3604, 0.3865

Deuteranopia

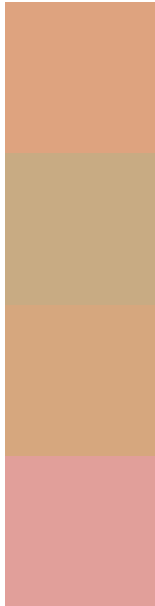
43.4376, 0.3899, 0.3828



Tritanopia

43.1473, 0.3694, 0.3151

Trichromacy



Original Color

43.2563, 0.4047, 0.3721

Protanomaly

43.0439, 0.3757, 0.3807

Deuteranomaly

43.4399, 0.3958, 0.3794

Tritanomaly

43.1369, 0.3829, 0.3351

Monochromacy



Original Color

43.2563, 0.4047, 0.3721

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3457, 0.3433, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2563, 0.4047, 0.3721 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, 163, 127)` looks like.

```
.text, #text, p{  
    color:rgb(222, 163, 127)  
}
```

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, 163, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 163, 127) }
```

Border

The CSS property to change the border of an element to Yxy 43.2563, 0.4047, 0.3721 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, 163, 127) }
```

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

```
.border{ border-color:rgb(222, 163, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 163, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 163, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 163, 127); box-shadow:4px 4px 4px 4px rgb(222, 163, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2563, 0.4047, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 163, 127) }
```

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

```
.background{ background-color: rgb(222,  
163, 127) }
```

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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