

Converting Colors

$Yxy(47.3153, 0.4128, 0.4047)$

Have a look what the booklet for
Yxy(47.3153, 0.4128, 0.4047)
contains.

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Color

Yxy(47.3153, 0.4128, 0.4047)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DEAF6E |
| RGB | 222, 175, 110 |
| RGB Percent | 87%, 69%, 43% |
| CMY | 0.1295, 0.3137, 0.5687 |
| CMYK | 0.00, 0.21, 0.50, 0.13 |
| HSL | 35°, 63%, 65% |
| HSV | 35°, 50%, 87% |
| XYZ | 48.2623, 47.3153, 21.3369 |
| YIQ | 181.6430, 48.8770, -10.2510 |

Conversions

Conversions Part 2

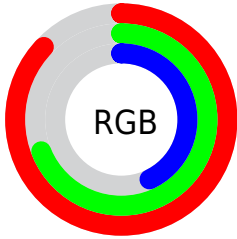
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 191, 222, 110 |
| Decimal | 14593902 |
| CIELab | 74.39, 9.28, 39.68 |
| CIElCh | 74, 40.749, 76.837 |
| Yxy | 47.3153, 0.4128, 0.4047 |
| Android (android.graphics.Color) | 4292783982 (0xFFDEAF6E) |
| YUV | 181.6430, -35.3200, 35.3931 |
| Hunter-Lab | 68.7861, 4.8650, 29.7590 |

Details

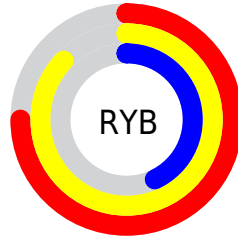
The Yxy color **47.3153, 0.4128, 0.4047** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6823, 0.2293, 0.2367**, and the grayscale version is **46.7503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4980, 0.3754, 0.3969**, and **22.3847, 0.4382, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **43.3934, 0.4370, 0.4172**, and if you desaturate by 10%, it is **51.6126, 0.3894, 0.3902**.

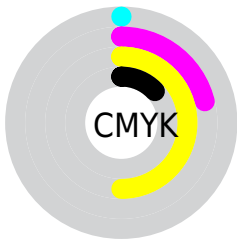
Distribution



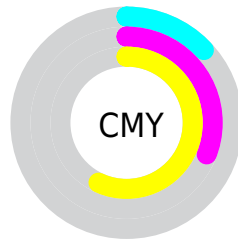
- Red (87%)
- Green (69%)
- Blue (43%)



- Red (75%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3153, 0.4128, 0.4047 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 47.3153, 0.4128, 0.4047 by changing the saturation by 10% instead.


 47.3153, 0.4128,
0.4047


 47.3153, 0.4128,
0.4047


376.0717, 0.3637,
0.3693


 33.2850, 0.4243,
0.4124


 86.1841, 0.3954,
0.3926

 22.3448, 0.4385,
0.4215


 111.7913, 0.3887,
0.3878

 14.1105, 0.4563,
0.4322


 142.0263, 0.3830,
0.3837

 8.1976, 0.4785,
0.4440

 177.2735, 0.3781,
0.3801

 4.2216, 0.5166,
0.4651

217.9172, 0.3738,
0.3769

 1.7983, 0.5386,
0.4614

264.3419, 0.3700,


 0.4861, 0.5862,


0.3741

0.4138

316.9319, 0.3667,
0.3715


 0.0000, 0.0000,
0.0000


 47.3153, 0.4128,
0.4047


 47.3153, 0.4128,
0.4047

 43.3934, 0.4370,
0.4172

 51.6126, 0.3894,
0.3902


 39.8260, 0.4610,
0.4265


 56.2915, 0.3675,
0.3748


 36.5994, 0.4834,
0.4314

 61.3667, 0.3475,
0.3593

 33.6960, 0.5030,
0.4311

 66.8497, 0.3294,
0.3441

 31.1990, 0.5187,
0.4264

 72.7514, 0.3134,
0.3296

■ 79.0824, 0.2992,
0.3161

■ 85.1665, 0.2925,
0.3138

■ 90.7933, 0.2927,
0.3234

■ 94.2656, 0.2929,
0.3289

Harmonies

Analogous

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



47.3153, 0.4258, 0.3641



47.3153, 0.4128, 0.4047



47.3153, 0.3727, 0.4300

Triad

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



47.3153, 0.4128, 0.4047



47.3153, 0.2272, 0.3281



47.3153, 0.2986, 0.2520

Complementary

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



47.3153, 0.4128, 0.4047



32.6823, 0.2293, 0.2367

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.



47.3153, 0.2494, 0.2400



47.3153, 0.4128, 0.4047



47.3153, 0.2114, 0.2779

Square

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



47.3153, 0.4128, 0.4047



47.3153, 0.2654, 0.3855



47.3153, 0.2192, 0.2479



47.3153, 0.3565, 0.2804

Rectangle

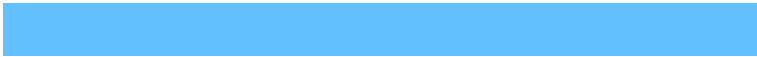
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.3153, 0.4128, 0.4047



47.3153, 0.3372, 0.4309



47.3153, 0.2192, 0.2479



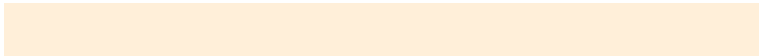
47.3153, 0.2805, 0.2459

Sweetspot

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



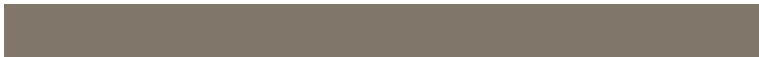
47.3176, 0.4128, 0.4047



87.9670, 0.3376, 0.3511



29.1612, 0.3914, 0.2724



18.4890, 0.3415, 0.3543



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.



47.3176, 0.4128, 0.4047



58.8992, 0.4395, 0.4183



67.7274, 0.3803, 0.4534



15.0160, 0.3278, 0.3426



18.7607, 0.5168, 0.4278



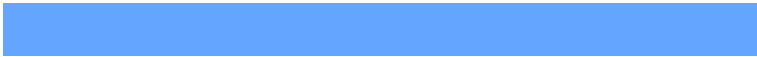
1.4763, 0.4977, 0.4430

Inverse Universe

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



32.6823, 0.2293, 0.2367



36.6911, 0.2117, 0.2120



20.2352, 0.2216, 0.1715



14.1831, 0.2981, 0.3150



8.0007, 0.1702, 0.1326



0.7287, 0.1786, 0.1630

Previews

White Background



This preview shows how the Yxy color 47.3153, 0.4128, 0.4047 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 47.3153, 0.4128, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

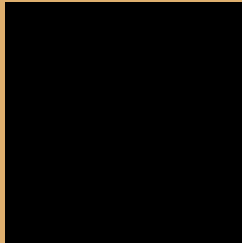
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3153, 0.4128, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 47.3153, 0.4128, 0.4047.



This preview shows how white text looks on a background with the Yxy color 47.3153, 0.4128, 0.4047.

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

47.3153, 0.4128, 0.4047

Protanopia

47.3386, 0.3852, 0.4170

Deuteranopia

47.3153, 0.4128, 0.4047



Tritanopia

47.3861, 0.3590, 0.3153

Trichromacy



Original Color

47.3153, 0.4128, 0.4047

Protanomaly

47.2223, 0.3951, 0.4123

Deuteranomaly

47.3153, 0.4128, 0.4047

Tritanomaly

47.2513, 0.3798, 0.3480

Monochromacy



Original Color

47.3153, 0.4128, 0.4047

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5108, 0.3481, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3153, 0.4128, 0.4047 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, 175, 110)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 110)  
}
```

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, 175, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 110) }
```

Border

The CSS property to change the border of an element to Yxy 47.3153, 0.4128, 0.4047 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, 175, 110) }
```

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

```
.border{ border-color:rgb(222, 175, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 175, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 110);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3153, 0.4128, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 110) }
```

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

```
.background{ background-color: rgb(222,  
175, 110) }
```

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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