

Converting Colors

$Y_{xy}(42.6798, 0.3950, 0.3732)$

Have a look what the booklet for
Yxy(42.6798, 0.3950, 0.3732)
contains.

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Color

Yxy(42.7914, 0.3940, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	D6A581
RGB	214, 165, 129
RGB Percent	84%, 65%, 51%
CMY	0.1607, 0.3529, 0.4940
CMYK	0.00, 0.23, 0.40, 0.16
HSL	25°, 51%, 67%
HSV	25°, 40%, 84%
XYZ	45.1521, 42.7914, 26.6558
YIQ	175.5470, 40.7600, -0.8080

Conversions

Conversions Part 2

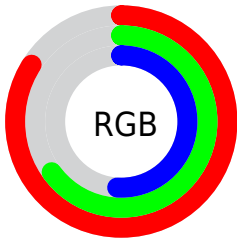
Format	Color
R_{YB}	214, 191, 129
Decimal	14067073
CIE _{Lab}	71.41, 13.36, 25.60
CIE _{LCh}	71, 28.873, 62.447
Yxy	42.7914, 0.3940, 0.3734
Android (android.graphics.Color)	4292257153 (0xFFD6A581)
YUV	175.5470, -22.9477, 33.7233
Hunter-Lab	65.4151, 8.7314, 21.6307

Details

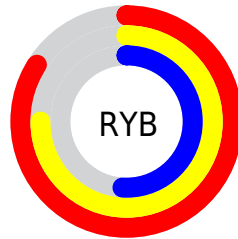
The Yxy color **42.7914, 0.3940, 0.3734** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.3772, 0.2506, 0.2793**, and the grayscale version is **43.2758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8238, 0.3654, 0.3680**, and **19.5429, 0.4176, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **38.0432, 0.4217, 0.3842**, and if you desaturate by 10%, it is **48.0924, 0.3692, 0.3619**.

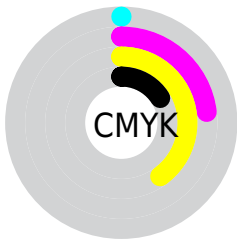
Distribution



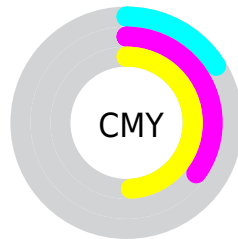
- Red (84%)
- Green (65%)
- Blue (51%)



- Red (84%)
- Yellow (75%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7914, 0.3940, 0.3734 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 42.7914, 0.3940, 0.3734 by changing the saturation by 10% instead.


 42.7914, 0.3940,
0.3734


 42.7914, 0.3940,
0.3734

357.7532, 0.3527,
0.3523


 29.7215, 0.4044,
0.3782


 79.3960, 0.3789,
0.3660

 19.6273, 0.4177,
0.3840


 103.6994, 0.3732,
0.3632

 12.1244, 0.4353,
0.3912


 132.5162, 0.3685,
0.3607

 6.8285, 0.4593,
0.3997

166.2306, 0.3644,
0.3586

 3.3551, 0.4940,
0.4094

205.2271, 0.3609,
0.3567

 1.3198, 0.5672,
0.4328

249.8902, 0.3578,

 0.1564, 0.7521,

0.3550

0.2479

300.6040, 0.3551,
0.3536

0.0000, 0.0000,
0.0000

42.7914, 0.3940,
0.3734

42.7914, 0.3940,
0.3734

38.0432, 0.4217,
0.3842

48.0924, 0.3692,
0.3619

33.8223, 0.4517,
0.3933

53.9587, 0.3474,
0.3504

30.1095, 0.4829,
0.3995

60.4098, 0.3286,
0.3392

26.8821, 0.5134,
0.4014

67.4623, 0.3123,
0.3287

24.1148, 0.5409,
0.3982

75.1323, 0.2983,
0.3189

■ 21.7732, 0.5640,
0.3901

■ 83.2776, 0.2876,
0.3124

■ 21.7112, 0.5646,
0.3899

■ 90.7541, 0.2881,
0.3252

■ 93.0375, 0.2883,
0.3289

Harmonies

Analogous

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



42.7914, 0.3910, 0.3409



42.7914, 0.3940, 0.3734



42.7914, 0.3740, 0.3973

Triad

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



42.7914, 0.3940, 0.3734



42.7914, 0.2613, 0.3491



42.7914, 0.2838, 0.2646

Complementary

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



42.7914, 0.3940, 0.3734



41.3772, 0.2506, 0.2793

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.



42.7914, 0.2525, 0.2631



42.7914, 0.3940, 0.3734



42.7914, 0.2402, 0.3088

Square

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



42.7914, 0.3940, 0.3734



42.7914, 0.2967, 0.3855



42.7914, 0.2372, 0.2781



42.7914, 0.3250, 0.2807

Rectangle

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



42.7914, 0.3940, 0.3734



42.7914, 0.3511, 0.4038



42.7914, 0.2372, 0.2781



42.7914, 0.2719, 0.2623

Sweetspot

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



42.7934, 0.3940, 0.3734



87.4373, 0.3329, 0.3419



33.2422, 0.3538, 0.2692



18.4395, 0.3353, 0.3433



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.



42.7934, 0.3940, 0.3734



57.3969, 0.4181, 0.3829



60.4731, 0.3748, 0.4197



13.2763, 0.3281, 0.3389



13.3183, 0.5621, 0.3919



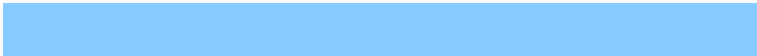
0.9653, 0.5316, 0.4161

Inverse Universe

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



41.3772, 0.2506, 0.2793



54.9724, 0.2374, 0.2660



27.1620, 0.2412, 0.2182



13.1860, 0.2982, 0.3189



11.7680, 0.1847, 0.1850



0.8722, 0.1923, 0.2123

Previews

White Background



This preview shows how the Yxy color 42.7914, 0.3940, 0.3734 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 42.7914, 0.3940, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

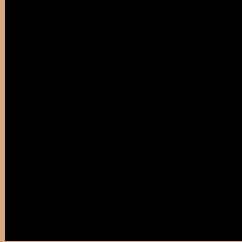
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7914, 0.3940, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 42.7914, 0.3940, 0.3734.



This preview shows how white text looks on a background with the Yxy color 42.7914, 0.3940, 0.3734.

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

42.7914, 0.3940, 0.3734

Protanopia

42.9182, 0.3598, 0.3855

Deuteranopia

42.8292, 0.3866, 0.3795



Tritanopia

42.6420, 0.3591, 0.3147

Trichromacy



Original Color

42.7914, 0.3940, 0.3734

Protanomaly

42.6621, 0.3719, 0.3800

Deuteranomaly

42.8976, 0.3900, 0.3778

Tritanomaly

42.6418, 0.3724, 0.3353

Monochromacy



Original Color

42.7914, 0.3940, 0.3734

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9554, 0.3405, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7914, 0.3940, 0.3734 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(214, 165, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 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(214, 165, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 129) }
```

Border

The CSS property to change the border of an element to Yxy 42.7914, 0.3940, 0.3734 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(214, 165, 129) }
```

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

```
.border{ border-color:rgb(214, 165, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7914, 0.3940, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 129) }
```

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

```
.background{ background-color: rgb(214,  
165, 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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