

Converting Colors

$Yxy(42.7642, 0.3709, 0.3528)$

Have a look what the booklet for
Yxy(42.7642, 0.3709, 0.3528)
contains.

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Color

Yxy(42.7889, 0.3706, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	D0A693
RGB	208, 166, 147
RGB Percent	82%, 65%, 58%
CMY	0.1842, 0.3491, 0.4234
CMYK	0.00, 0.20, 0.29, 0.18
HSL	19°, 39%, 70%
HSV	19°, 29%, 82%
XYZ	44.9223, 42.7889, 33.5038
YIQ	176.3920, 31.1310, 2.9950

Conversions

Conversions Part 2

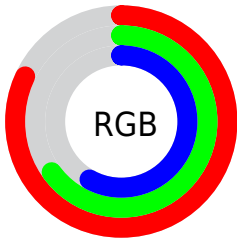
Format	Color
R _Y B	208, 175, 147
Decimal	13674131
CIE Lab	71.41, 12.70, 15.69
CIE LCh	71, 20.183, 51.006
Yxy	42.7889, 0.3706, 0.3530
Android (android.graphics.Color)	4291864211 (0xFFD0A693)
YUV	176.3920, -14.4903, 27.7202
Hunter-Lab	65.4132, 8.1111, 15.4217

Details

The Yxy color **42.7889, 0.3706, 0.3530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1809, 0.2679, 0.3036**, and the grayscale version is **43.6990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1899, 0.3515, 0.3494**, and **19.6515, 0.3891, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **37.2716, 0.3974, 0.3615**, and if you desaturate by 10%, it is **49.0091, 0.3476, 0.3445**.

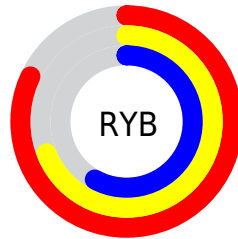
Distribution



Red (82%)

Green (65%)

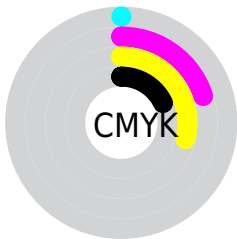
Blue (58%)



Red (82%)

Yellow (69%)

Blue (58%)

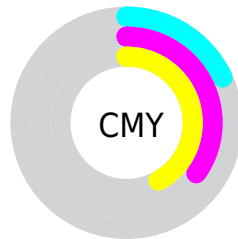


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7889, 0.3706, 0.3530 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 42.7889, 0.3706, 0.3530 by changing the saturation by 10% instead.


 42.7889, 0.3706,
0.3530


 42.7889, 0.3706,
0.3530


357.7429, 0.3410,
0.3415

 29.7195, 0.3782,
0.3557


 79.3922, 0.3597,
0.3489

 19.6258, 0.3880,
0.3590


 103.6949, 0.3557,
0.3474

 12.1233, 0.4011,
0.3632


132.5109, 0.3523,
0.3460

 6.8277, 0.4197,
0.3685

166.2244, 0.3493,
0.3449

 3.3546, 0.4477,
0.3752

205.2200, 0.3468,
0.3439

 1.3195, 0.5159,
0.3996

249.8820, 0.3446,

 0.1563, 0.7458,

0.3430

0.2542

300.5949, 0.3427,
0.3422

0.0000, 0.0000,
0.0000

42.7889, 0.3706,
0.3530

42.7889, 0.3706,
0.3530

37.2716, 0.3974,
0.3615

49.0091, 0.3476,
0.3445

32.4260, 0.4282,
0.3695

55.9503, 0.3281,
0.3362

28.2271, 0.4625,
0.3759

63.6372, 0.3117,
0.3285

24.6459, 0.4989,
0.3798

72.0916, 0.2978,
0.3214

21.6511, 0.5349,
0.3799

81.3344, 0.2861,
0.3148

■ 19.2082, 0.5672,
0.3752

■ 90.2531, 0.2848,
0.3258

■ 17.2731, 0.5932,
0.3665

■ 92.1540, 0.2849,
0.3289

■ 17.1587, 0.5948,
0.3659

Harmonies

Analogous

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



42.7889, 0.3620, 0.3290



42.7889, 0.3706, 0.3530



42.7889, 0.3628, 0.3723

Triad

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



42.7889, 0.3706, 0.3530



42.7889, 0.2854, 0.3534



42.7889, 0.2829, 0.2812

Complementary

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



42.7889, 0.3706, 0.3530



47.1809, 0.2679, 0.3036

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.



42.7889, 0.2642, 0.2851



42.7889, 0.3706, 0.3530



42.7889, 0.2656, 0.3259

Square

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



42.7889, 0.3706, 0.3530



42.7889, 0.3130, 0.3741



42.7889, 0.2581, 0.3009



42.7889, 0.3103, 0.2888

Rectangle

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



42.7889, 0.3706, 0.3530



42.7889, 0.3498, 0.3795



42.7889, 0.2581, 0.3009



42.7889, 0.2755, 0.2811

Sweetspot

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



42.7909, 0.3706, 0.3530



88.9312, 0.3277, 0.3360



37.9942, 0.3333, 0.2769



18.6718, 0.3304, 0.3372



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.



42.7909, 0.3706, 0.3530



62.3664, 0.3865, 0.3582



54.9232, 0.3605, 0.3883



12.3994, 0.3283, 0.3363



10.8436, 0.5923, 0.3679



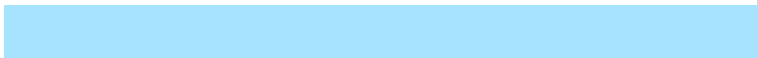
0.7472, 0.5558, 0.3969

Inverse Universe

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



47.1809, 0.2679, 0.3036



70.3738, 0.2589, 0.2974



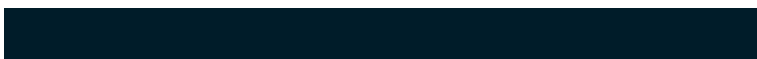
35.6338, 0.2633, 0.2617



12.7609, 0.2983, 0.3216



15.3215, 0.1958, 0.2250



0.9946, 0.2018, 0.2463

Previews

White Background



This preview shows how the Yxy color 42.7889, 0.3706, 0.3530 looks on a white background.

Color Contrast Check

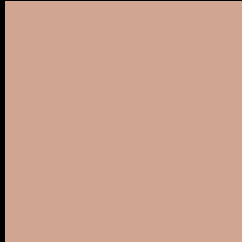
Large Text (above 18pt) WCAG AA × Fail

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 42.7889, 0.3706, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

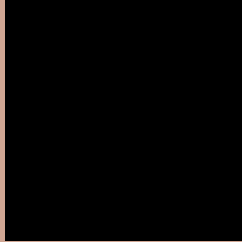
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7889, 0.3706, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 42.7889, 0.3706, 0.3530.



This preview shows how white text looks on a background with the Yxy color 42.7889, 0.3706, 0.3530.

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

42.7889, 0.3706, 0.3530

Protanopia

43.0847, 0.3412, 0.3614

Deuteranopia

42.6684, 0.3641, 0.3561



Tritanopia

42.7847, 0.3478, 0.3132

Trichromacy



Original Color

42.7889, 0.3706, 0.3530

Protanomaly

43.0445, 0.3514, 0.3580

Deuteranomaly

42.5814, 0.3663, 0.3546

Tritanomaly

42.6126, 0.3562, 0.3267

Monochromacy



Original Color

42.7889, 0.3706, 0.3530

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9130, 0.3333, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7889, 0.3706, 0.3530 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(208, 166, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 147)  
}
```

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(208, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 147) }
```

Border

The CSS property to change the border of an element to Yxy 42.7889, 0.3706, 0.3530 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(208, 166, 147) }
```

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

```
.border{ border-color:rgb(208, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7889, 0.3706, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 147) }
```

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

```
.background{ background-color: rgb(208,  
166, 147) }
```

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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