

Converting Colors

$Yxy(50.4798, 0.3940, 0.4285)$

Have a look what the booklet for
Yxy(50.4798, 0.3940, 0.4285)
contains.

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Color

Yxy(50.2724, 0.3942, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	CFBC6A
RGB	207, 188, 106
RGB Percent	81%, 74%, 42%
CMY	0.1883, 0.2627, 0.5843
CMYK	0.00, 0.09, 0.49, 0.19
HSL	49°, 51%, 61%
HSV	49°, 49%, 81%
XYZ	46.3131, 50.2724, 20.9008
YIQ	184.3330, 37.6460, -21.4740

Conversions

Conversions Part 2

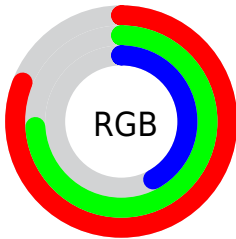
Format	Color
RYB	129, 207, 106
Decimal	13614186
CIELab	76.24, -4.12, 43.66
CIELCh	76, 43.850, 95.388
Yxy	50.2724, 0.3942, 0.4279
Android (android.graphics.Color)	4291804266 (0xFFCFBC6A)
YUV	184.3330, -38.6182, 19.8790
Hunter-Lab	70.9030, -7.4860, 32.1546

Details

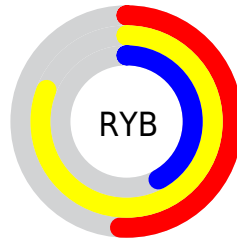
The Yxy color **50.2724, 0.3942, 0.4279** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.2311, 0.2256, 0.2044**, and the grayscale version is **48.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4646, 0.3732, 0.4134**, and **24.1928, 0.4132, 0.4515** is the 20% darker color. If you saturate the color by 10%, you get **48.2556, 0.4108, 0.4451**, and if you desaturate by 10%, it is **52.4426, 0.3768, 0.4086**.

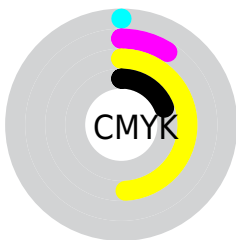
Distribution



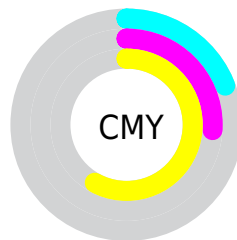
- Red (81%)
- Green (74%)
- Blue (42%)



- Red (51%)
- Yellow (81%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2724, 0.3942, 0.4279 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 50.2724, 0.3942, 0.4279 by changing the saturation by 10% instead.

 50.2724, 0.3942,
0.4279


 50.2724, 0.3942,
0.4279


387.7302, 0.3556,
0.3801


 35.6299, 0.4027,
0.4388


 90.5783, 0.3809,
0.4112


 24.1485, 0.4129,
0.4522


 117.0106, 0.3757,
0.4047

 15.4438, 0.4251,
0.4685


 148.1415, 0.3712,
0.3991

 9.1314, 0.4390,
0.4882

 184.3555, 0.3673,
0.3943

 4.8270, 0.4646,
0.5235

226.0370, 0.3638,
0.3901

 2.1461, 0.4648,
0.5352

273.5703, 0.3608,

 0.6904, 0.4459,

0.3864

0.5541

327.3399, 0.3581,
0.3831

0.0000, 0.0000,
0.0000

50.2724, 0.3942,
0.4279

50.2724, 0.3942,
0.4279

48.2556, 0.4108,
0.4451

52.4426, 0.3768,
0.4086

46.3771, 0.4259,
0.4590

54.7664, 0.3593,
0.3880

44.6304, 0.4388,
0.4689


57.2526, 0.3423,
0.3671

43.0049, 0.4490,
0.4741

59.9074, 0.3261,
0.3465

41.4841, 0.4564,
0.4751


62.7366, 0.3109,
0.3266

 41.3032, 0.4572,
0.4751

 65.7455, 0.2970,
0.3079

 68.9394, 0.2843,
0.2905

 71.2075, 0.2821,
0.2906

 73.2617, 0.2824,
0.2948

Harmonies

Analogous

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



50.2724, 0.4272, 0.3928



50.2724, 0.3942, 0.4279



50.2724, 0.3409, 0.4373

Triad

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



50.2724, 0.3942, 0.4279



50.2724, 0.2098, 0.2929



50.2724, 0.3354, 0.2649

Complementary

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



50.2724, 0.3942, 0.4279



22.2311, 0.2256, 0.2044

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.



50.2724, 0.2761, 0.2413



50.2724, 0.3942, 0.4279



50.2724, 0.2087, 0.2528

Square

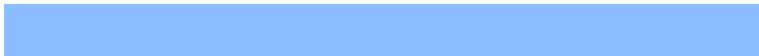
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.2724, 0.3942, 0.4279



50.2724, 0.2356, 0.3514



50.2724, 0.2315, 0.2362



50.2724, 0.3930, 0.3025

Rectangle

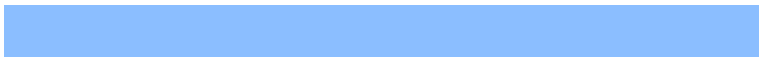
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.2724, 0.3942, 0.4279



50.2724, 0.3017, 0.4224



50.2724, 0.2315, 0.2362



50.2724, 0.3148, 0.2552

Sweetspot

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



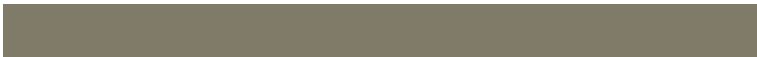
50.2747, 0.3942, 0.4279



93.2774, 0.3363, 0.3596



25.0847, 0.4198, 0.3038



19.7739, 0.3398, 0.3640



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.



50.2747, 0.3942, 0.4279



77.0645, 0.4123, 0.4465



54.9674, 0.3583, 0.4584



13.4043, 0.3271, 0.3477



26.1590, 0.4566, 0.4756



1.5625, 0.4486, 0.4820

Inverse Universe

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



22.2311, 0.2256, 0.2044



26.9203, 0.2047, 0.1712



20.0741, 0.2460, 0.1856



11.7719, 0.2982, 0.3095



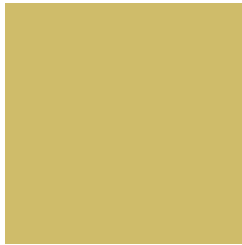
3.8509, 0.1552, 0.0786



0.3251, 0.1643, 0.1113

Previews

White Background



This preview shows how the Yxy color 50.2724, 0.3942, 0.4279 looks on a white background.

Color Contrast Check

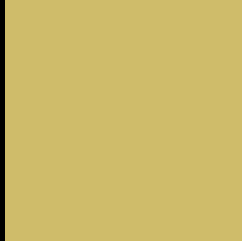
Large Text (above 18pt) WCAG AA × Fail

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 50.2724, 0.3942, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

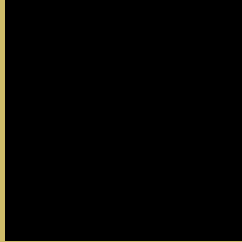
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2724, 0.3942, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 50.2724, 0.3942, 0.4279.



This preview shows how white text looks on a background with the Yxy color 50.2724, 0.3942, 0.4279.

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

50.2724, 0.3942, 0.4279

Protanopia

50.2724, 0.3942, 0.4279

Deuteranopia

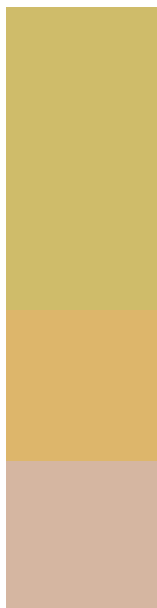
49.9809, 0.4183, 0.4088



Tritanopia

50.2455, 0.3344, 0.3126

Trichromacy



Original Color

50.2724, 0.3942, 0.4279

Protanomaly

50.2724, 0.3942, 0.4279

Deuteranomaly

49.8896, 0.4099, 0.4156

Tritanomaly

50.1752, 0.3576, 0.3546

Monochromacy



Original Color

50.2724, 0.3942, 0.4279

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3047, 0.3421, 0.3665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2724, 0.3942, 0.4279 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(207, 188, 106)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 106)  
}
```

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(207, 188, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 106) }
```

Border

The CSS property to change the border of an element to Yxy 50.2724, 0.3942, 0.4279 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(207, 188, 106) }
```

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

```
.border{ border-color:rgb(207, 188, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 106);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2724, 0.3942, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 106) }
```

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

```
.background{ background-color: rgb(207,  
188, 106) }
```

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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