

Converting Colors

$Yxy(52.8173, 0.3688, 0.3976)$

Have a look what the booklet for
Yxy(52.8173, 0.3688, 0.3976)
contains.

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Color

Yxy(52.7422, 0.3696, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	CFC088
RGB	207, 192, 136
RGB Percent	81%, 75%, 53%
CMY	0.1882, 0.2471, 0.4667
CMYK	0.00, 0.07, 0.34, 0.19
HSL	47°, 43%, 67%
HSV	47°, 34%, 81%
XYZ	49.0280, 52.7422, 30.8812
YIQ	190.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

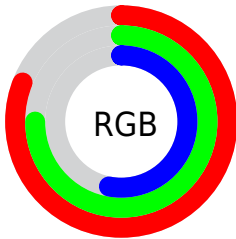
Format	Color
RYB	155, 207, 136
Decimal	13615240
CIELab	77.72, -2.98, 30.19
CIELCh	78, 30.334, 95.642
Yxy	52.7422, 0.3696, 0.3976
Android (android.graphics.Color)	4291805320 (0xFFCFC088)
YUV	190.1010, -26.6718, 14.8204
Hunter-Lab	72.6238, -6.5873, 25.6253

Details

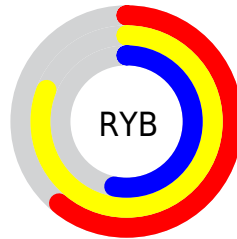
The Yxy color **52.7422, 0.3696, 0.3976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8708, 0.2541, 0.2493**, and the grayscale version is **51.7002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1125, 0.3530, 0.3866**, and **25.7965, 0.3846, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **50.3185, 0.3876, 0.4172**, and if you desaturate by 10%, it is **55.3415, 0.3519, 0.3773**.

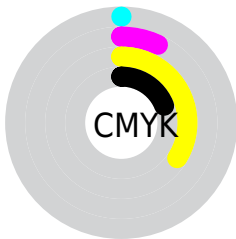
Distribution



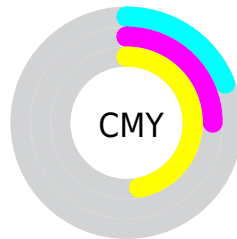
- Red (81%)
- Green (75%)
- Blue (53%)



- Red (61%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (19%)




- Cyan (19%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7422, 0.3696, 0.3976 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 52.7422, 0.3696, 0.3976 by changing the saturation by 10% instead.


 52.7422, 0.3696,
0.3976


 52.7422, 0.3696,
0.3976

397.2953, 0.3422,
0.3642


 37.5970, 0.3760,
0.4056


 94.2249, 0.3600,
0.3857

 25.6701, 0.3839,
0.4155


 121.3312, 0.3562,
0.3812

 16.5770, 0.3939,
0.4282


 153.1934, 0.3531,
0.3773

 9.9334, 0.4067,
0.4449

190.1957, 0.3503,
0.3739

 5.3548, 0.4232,
0.4671

232.7227, 0.3479,
0.3710

 2.4569, 0.4692,
0.5253

281.1587, 0.3458,

 0.8549, 0.4639,

0.3685

0.5361

335.8881, 0.3439,
0.3662

■ 0.0000, 0.0000,
0.0000

■ 52.7422, 0.3696,
0.3976

■ 52.7422, 0.3696,
0.3976

■ 50.3185, 0.3876,
0.4172

■ 55.3415, 0.3519,
0.3773

■ 48.0562, 0.4053,
0.4350

■ 58.1157, 0.3350,
0.3570

■ 45.9500, 0.4219,
0.4502

■ 61.0734, 0.3192,
0.3372

■ 43.9911, 0.4367,
0.4616

■ 64.2202, 0.3046,
0.3184

■ 42.1696, 0.4490,
0.4686

■ 67.5617, 0.2912,
0.3008

■ 40.4737, 0.4584,
0.4709

■ 70.7639, 0.2821,
0.2896

■ 39.5535, 0.4628,
0.4708

■ 73.0672, 0.2824,
0.2944

■ 75.4308, 0.2827,
0.2992

■ 77.8553, 0.2829,
0.3040

Harmonies

Analogous

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



52.7422, 0.3913, 0.3757



52.7422, 0.3696, 0.3976



52.7422, 0.3333, 0.4010

Triad

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



52.7422, 0.3696, 0.3976



52.7422, 0.2404, 0.3055



52.7422, 0.3292, 0.2840

Complementary

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



52.7422, 0.3696, 0.3976



31.8708, 0.2541, 0.2493

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.



52.7422, 0.2884, 0.2668



52.7422, 0.3696, 0.3976



52.7422, 0.2394, 0.2768

Square

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



52.7422, 0.3696, 0.3976



52.7422, 0.2593, 0.3445



52.7422, 0.2563, 0.2637



52.7422, 0.3676, 0.3116

Rectangle

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



52.7422, 0.3696, 0.3976



52.7422, 0.3061, 0.3902



52.7422, 0.2563, 0.2637



52.7422, 0.3152, 0.2769

Sweetspot

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



52.7446, 0.3696, 0.3976



95.0740, 0.3282, 0.3486



33.1175, 0.3753, 0.3096



20.2069, 0.3305, 0.3514



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.



52.7446, 0.3696, 0.3976



81.6978, 0.3825, 0.4118



56.9617, 0.3473, 0.4189



13.3556, 0.3271, 0.3472



25.0575, 0.4620, 0.4713



1.5098, 0.4527, 0.4787

Inverse Universe

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



31.8708, 0.2541, 0.2493



43.4616, 0.2403, 0.2292



29.1877, 0.2685, 0.2319



11.8169, 0.2982, 0.3101



4.0746, 0.1563, 0.0825



0.3459, 0.1658, 0.1170

Previews

White Background



This preview shows how the Yxy color 52.7422, 0.3696, 0.3976 looks on a white background.

Color Contrast Check

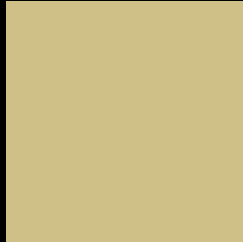
Large Text (above 18pt) WCAG AA × Fail

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 52.7422, 0.3696, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

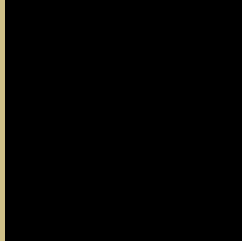
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7422, 0.3696, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 52.7422, 0.3696, 0.3976.



This preview shows how white text looks on a background with the Yxy color 52.7422, 0.3696, 0.3976.

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

52.7422, 0.3696, 0.3976

Protanopia

52.7422, 0.3696, 0.3976

Deuteranopia

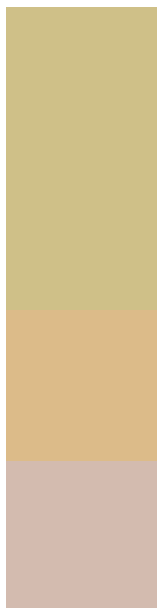
52.6099, 0.3901, 0.3821



Tritanopia

52.6543, 0.3270, 0.3127

Trichromacy



Original Color

52.7422, 0.3696, 0.3976

Protanomaly

52.7422, 0.3696, 0.3976

Deuteranomaly

52.5624, 0.3824, 0.3881

Tritanomaly

52.4847, 0.3428, 0.3435

Monochromacy



Original Color

52.7422, 0.3696, 0.3976

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8996, 0.3331, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7422, 0.3696, 0.3976 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, 192, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 136)  
}
```

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, 192, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 136) }
```

Border

The CSS property to change the border of an element to Yxy 52.7422, 0.3696, 0.3976 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, 192, 136) }
```

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

```
.border{ border-color:rgb(207, 192, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7422, 0.3696, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 136) }
```

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

```
.background{ background-color: rgb(207,  
192, 136) }
```

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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