

Converting Colors

Yxy(51.9660, 0.3670, 0.3740)

Have a look what the booklet for
Yxy(51.9660, 0.3670, 0.3740)
contains.

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Color

Yxy(52.0388, 0.3663, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	D6BB96
RGB	214, 187, 150
RGB Percent	84%, 73%, 59%
CMY	0.1607, 0.2667, 0.4118
CMYK	0.00, 0.13, 0.30, 0.16
HSL	35°, 44%, 71%
HSV	35°, 30%, 84%
XYZ	51.0083, 52.0388, 36.2057
YIQ	190.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

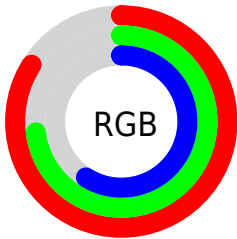
Format	Color
R _{YB}	197, 214, 150
Decimal	14072726
CIE Lab	77.30, 4.15, 22.31
CIE LCh	77, 22.692, 79.462
Yxy	52.0388, 0.3663, 0.3737
Android (android.graphics.Color)	4292262806 (0xFFD6BB96)
YUV	190.8550, -20.1415, 20.2982
Hunter-Lab	72.1379, -0.0250, 20.7391

Details

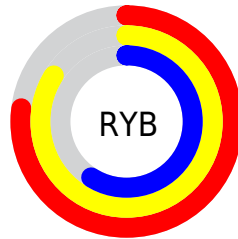
The Yxy color **52.0388, 0.3663, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7823, 0.2643, 0.2797**, and the grayscale version is **52.1201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7208, 0.3452, 0.3678**, and **25.2201, 0.3801, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **47.7024, 0.3881, 0.3890**, and if you desaturate by 10%, it is **56.7468, 0.3464, 0.3582**.

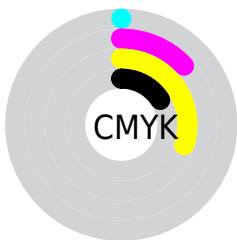
Distribution



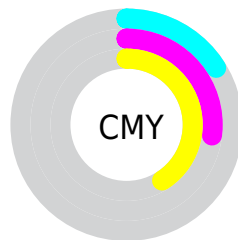
- Red (84%)
- Green (73%)
- Blue (59%)



- Red (77%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0388, 0.3663, 0.3737 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 52.0388, 0.3663, 0.3737 by changing the saturation by 10% instead.


 52.0388, 0.3663,
0.3737


 52.0388, 0.3663,
0.3737


394.5864, 0.3400,
0.3522

 37.0360, 0.3727,
0.3788


 93.1885, 0.3569,
0.3661

 25.2354, 0.3807,
0.3851


 120.1041, 0.3533,
0.3632

 16.2525, 0.3911,
0.3933


151.7595, 0.3503,
0.3607

 9.7030, 0.4051,
0.4039

188.5390, 0.3476,
0.3585

 5.2025, 0.4247,
0.4183

230.8271, 0.3454,
0.3566

 2.3666, 0.4586,
0.4429

279.0081, 0.3434,

 0.8086, 0.5183,

0.3549

0.4817

333.4664, 0.3416,
0.3535

■ 0.0000, 0.0000,
0.0000

■ 52.0388, 0.3663,
0.3737

■ 52.0388, 0.3663,
0.3737

■ 47.7024, 0.3881,
0.3890

■ 56.7468, 0.3464,
0.3582

■ 43.7191, 0.4114,
0.4035

■ 61.8297, 0.3285,
0.3432

■ 40.0793, 0.4356,
0.4161

■ 67.3001, 0.3126,
0.3289

■ 36.7700, 0.4597,
0.4256

■ 73.1675, 0.2985,
0.3155

■ 33.7767, 0.4824,
0.4308

■ 79.3121, 0.2873,
0.3051

■ 31.0834, 0.5023,
0.4308

■ 84.5304, 0.2877,
0.3146

■ 28.6645, 0.5190,
0.4260

■ 90.0136, 0.2881,
0.3240

■ 28.6447, 0.5191,
0.4260

■ 93.0376, 0.2883,
0.3289

Harmonies

Analogous

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



52.0388, 0.3737, 0.3529



52.0388, 0.3663, 0.3737



52.0388, 0.3443, 0.3835

Triad

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



52.0388, 0.3663, 0.3737



52.0388, 0.2639, 0.3272



52.0388, 0.3085, 0.2862

Complementary

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



52.0388, 0.3663, 0.3737



42.7823, 0.2643, 0.2797

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.



52.0388, 0.2801, 0.2787



52.0388, 0.3663, 0.3737



52.0388, 0.2553, 0.3005

Square

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



52.0388, 0.3663, 0.3737



52.0388, 0.2853, 0.3562



52.0388, 0.2611, 0.2834



52.0388, 0.3394, 0.3037

Rectangle

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



52.0388, 0.3663, 0.3737



52.0388, 0.3248, 0.3813



52.0388, 0.2611, 0.2834



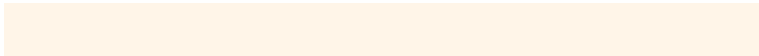
52.0388, 0.2983, 0.2824

Sweetspot

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



52.0412, 0.3663, 0.3737



92.5866, 0.3271, 0.3420



39.3111, 0.3506, 0.2954



19.5705, 0.3296, 0.3441



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.



52.0412, 0.3663, 0.3737



73.1633, 0.3801, 0.3836



63.9637, 0.3542, 0.4042



13.6012, 0.3277, 0.3425



17.5222, 0.5173, 0.4275



1.2191, 0.4958, 0.4445

Inverse Universe

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



42.7823, 0.2643, 0.2797



57.2344, 0.2533, 0.2670



33.5608, 0.2636, 0.2429



12.8612, 0.2982, 0.3152



7.5790, 0.1705, 0.1338



0.6190, 0.1800, 0.1679

Previews

White Background



This preview shows how the Yxy color 52.0388, 0.3663, 0.3737 looks on a white background.

Color Contrast Check

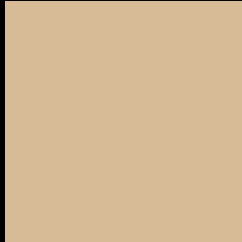
Large Text (above 18pt) WCAG AA × Fail

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 52.0388, 0.3663, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

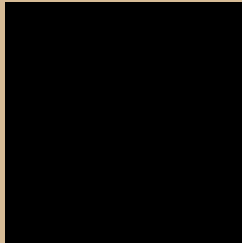
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

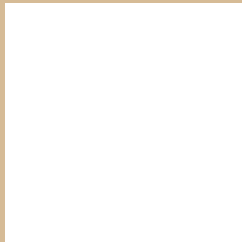
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0388, 0.3663, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 52.0388, 0.3663, 0.3737.

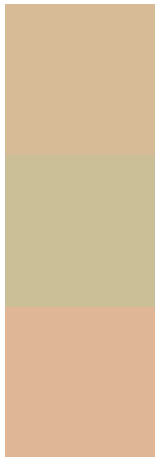


This preview shows how white text looks on a background with the Yxy color 52.0388, 0.3663, 0.3737.

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

52.0388, 0.3663, 0.3737

Protanopia

52.2251, 0.3536, 0.3775

Deuteranopia

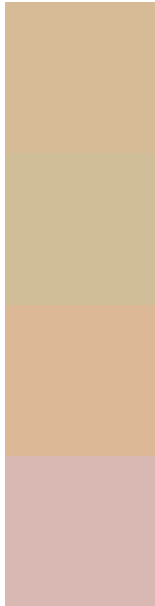
51.7893, 0.3749, 0.3667



Tritanopia

52.0479, 0.3341, 0.3128

Trichromacy



Original Color

52.0388, 0.3663, 0.3737

Protanomaly

52.3267, 0.3583, 0.3770

Deuteranomaly

51.7310, 0.3719, 0.3682

Tritanomaly

51.8734, 0.3455, 0.3338

Monochromacy



Original Color

52.0388, 0.3663, 0.3737

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1036, 0.3311, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0388, 0.3663, 0.3737 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, 187, 150)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 150)  
}
```

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, 187, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 150) }
```

Border

The CSS property to change the border of an element to Yxy 52.0388, 0.3663, 0.3737 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, 187, 150) }
```

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

```
.border{ border-color:rgb(214, 187, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 150);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0388, 0.3663, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 150) }
```

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

```
.background{ background-color: rgb(214,  
187, 150) }
```

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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