

Converting Colors

$Y_{xy}(42.2570, 0.3586, 0.3674)$

Have a look what the booklet for
Yxy(42.2570, 0.3586, 0.3674)
contains.

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Color

Yxy(42.2853, 0.3580, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	C0AB8E
RGB	192, 171, 142
RGB Percent	75%, 67%, 56%
CMY	0.2469, 0.3295, 0.4431
CMYK	0.00, 0.11, 0.26, 0.25
HSL	35°, 28%, 66%
HSV	35°, 26%, 75%
XYZ	41.1922, 42.2853, 31.5845
YIQ	173.9730, 21.8250, -4.5670

Conversions

Conversions Part 2

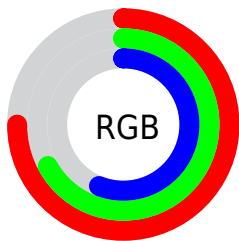
Format	Color
R _Y B	178, 192, 142
Decimal	12626830
CIE Lab	71.07, 3.09, 17.72
CIE LCh	71, 17.989, 80.106
Yxy	42.2853, 0.3580, 0.3675
Android (android.graphics.Color)	4290816910 (0xFFC0AB8E)
YUV	173.9730, -15.7627, 15.8097
Hunter-Lab	65.0271, -0.7246, 16.7211

Details

The Yxy color $42.2853, 0.3580, 0.3675$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.7758, 0.2712, 0.2872$, and the grayscale version is $42.3904, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5180, 0.3495, 0.3600$, and $19.3696, 0.3710, 0.3780$ is the 20% darker color. If you saturate the color by 10%, you get $38.7992, 0.3789, 0.3829$, and if you desaturate by 10%, it is $46.0613, 0.3390, 0.3522$.

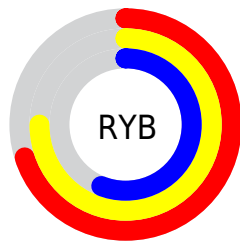
Distribution



Red (75%)

Green (67%)

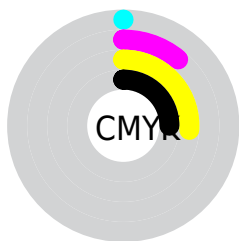
Blue (56%)



Red (70%)

Yellow (75%)

Blue (56%)

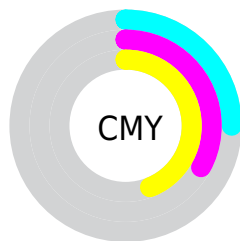


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2853, 0.3580, 0.3675 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 42.2853, 0.3580, 0.3675 by changing the saturation by 10% instead.


 42.2853, 0.3580,
0.3675


 42.2853, 0.3580,
0.3675


355.6643, 0.3350,
0.3482

 29.3248, 0.3638,
0.3723


 78.6312, 0.3496,
0.3605

 19.3266, 0.3714,
0.3785


 102.7854, 0.3464,
0.3578

 11.9065, 0.3815,
0.3866


 131.4396, 0.3438,
0.3556

 6.6801, 0.3955,
0.3977

164.9782, 0.3415,
0.3537

 3.2628, 0.4164,
0.4136

203.7855, 0.3395,
0.3520

 1.2704, 0.4889,
0.4755

248.2460, 0.3378,

 0.1181, 0.6138,

0.3506

0.3862

298.7442, 0.3363,
0.3493

0.0000, 0.0000,
0.0000

42.2853, 0.3580,
0.3675

42.2853, 0.3580,
0.3675

38.7992, 0.3789,
0.3829

46.0613, 0.3390,
0.3522

35.5888, 0.4015,
0.3977

50.1294, 0.3221,
0.3375

32.6472, 0.4252,
0.4112

54.4990, 0.3070,
0.3236

29.9646, 0.4493,
0.4221

59.1775, 0.2937,
0.3107

27.5305, 0.4725,
0.4293

64.1716, 0.2820,
0.2987

■ 25.3334, 0.4936,
0.4317

■ 69.3435, 0.2729,
0.2900

■ 23.3590, 0.5114,
0.4288

■ 73.6751, 0.2737,
0.2990

■ 22.6322, 0.5180,
0.4269

■ 78.2144, 0.2744,
0.3080

■ 82.9640, 0.2752,
0.3168

Harmonies

Analogous

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



42.2853, 0.3644, 0.3501



42.2853, 0.3580, 0.3675



42.2853, 0.3393, 0.3752

Triad

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



42.2853, 0.3580, 0.3675



42.2853, 0.2708, 0.3271



42.2853, 0.3098, 0.2925

Complementary

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



42.2853, 0.3580, 0.3675



35.7758, 0.2712, 0.2872

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.



42.2853, 0.2854, 0.2859



42.2853, 0.3580, 0.3675



42.2853, 0.2636, 0.3046

Square

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



42.2853, 0.3580, 0.3675



42.2853, 0.2890, 0.3515



42.2853, 0.2688, 0.2899



42.2853, 0.3360, 0.3078

Rectangle

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



42.2853, 0.3580, 0.3675



42.2853, 0.3227, 0.3730



42.2853, 0.2688, 0.2899



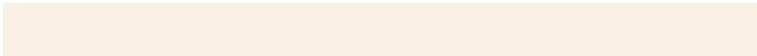
42.2853, 0.3011, 0.2892

Sweetspot

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



42.2872, 0.3580, 0.3675



89.2132, 0.3254, 0.3405



33.2297, 0.3441, 0.3002



18.8953, 0.3279, 0.3427



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2872, 0.3580, 0.3675



73.0822, 0.3691, 0.3759



50.4533, 0.3486, 0.3939



11.0250, 0.3275, 0.3423



15.3783, 0.5164, 0.4282



0.7984, 0.4892, 0.4498

Inverse Universe

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



35.7758, 0.2712, 0.2872



59.3919, 0.2620, 0.2770



29.2071, 0.2712, 0.2561



10.4290, 0.2984, 0.3153



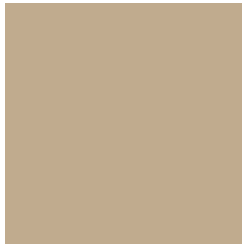
6.6468, 0.1707, 0.1343



0.4234, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 42.2853, 0.3580, 0.3675 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 42.2853, 0.3580, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

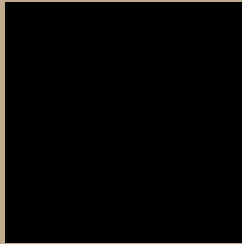
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

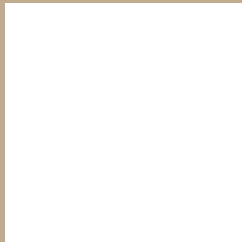
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2853, 0.3580, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 42.2853, 0.3580, 0.3675.



This preview shows how white text looks on a background with the Yxy color 42.2853, 0.3580, 0.3675.

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

42.2853, 0.3580, 0.3675

Protanopia

42.4456, 0.3485, 0.3711

Deuteranopia

42.1772, 0.3681, 0.3600



Tritanopia

42.2629, 0.3293, 0.3125

Trichromacy



Original Color

42.2853, 0.3580, 0.3675

Protanomaly

42.4351, 0.3516, 0.3694

Deuteranomaly

41.9942, 0.3639, 0.3617

Tritanomaly

42.3605, 0.3397, 0.3317

Monochromacy



Original Color

42.2853, 0.3580, 0.3675

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3195, 0.3293, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2853, 0.3580, 0.3675 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(192, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 142)  
}
```

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(192, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 142) }
```

Border

The CSS property to change the border of an element to Yxy 42.2853, 0.3580, 0.3675 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(192, 171, 142) }
```

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

```
.border{ border-color:rgb(192, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2853, 0.3580, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 142) }
```

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

```
.background{ background-color: rgb(192,  
171, 142) }
```

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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