

Converting Colors

$Yxy(42.8323, 0.3585, 0.3594)$

Have a look what the booklet for
Yxy(42.8323, 0.3585, 0.3594)
contains.

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Color

Yxy(42.7264, 0.3586, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	C5AA93
RGB	197, 170, 147
RGB Percent	77%, 67%, 58%
CMY	0.2274, 0.3333, 0.4237
CMYK	0.00, 0.14, 0.25, 0.23
HSL	28°, 30%, 67%
HSV	28°, 25%, 77%
XYZ	42.6669, 42.7264, 33.5886
YIQ	175.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

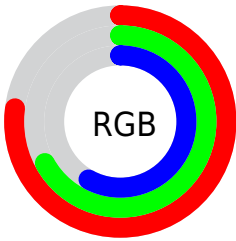
Format	Color
R _Y B	197, 190, 147
Decimal	12954259
CIE Lab	71.37, 6.25, 15.50
CIE LCh	71, 16.713, 68.028
Yxy	42.7264, 0.3586, 0.3591
Android (android.graphics.Color)	4291144339 (0xFFC5AA93)
YUV	175.4510, -14.0263, 18.8985
Hunter-Lab	65.3654, 2.1253, 15.2891

Details

The Yxy color **42.7264, 0.3586, 0.3591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4938, 0.2730, 0.2968**, and the grayscale version is **43.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1383, 0.3499, 0.3535**, and **19.6410, 0.3732, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **38.3355, 0.3813, 0.3716**, and if you desaturate by 10%, it is **47.5495, 0.3386, 0.3468**.

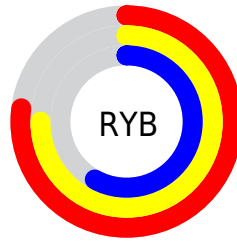
Distribution



Red (77%)

Green (67%)

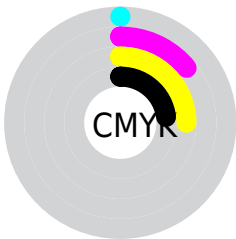
Blue (58%)



Red (77%)

Yellow (75%)

Blue (58%)

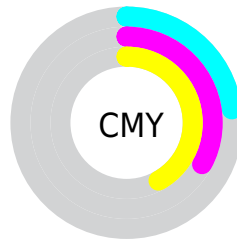


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (23%)



Cyan (23%)

Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7264, 0.3586, 0.3591 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 42.7264, 0.3586, 0.3591 by changing the saturation by 10% instead.


 42.7264, 0.3586,
0.3591

 42.7264, 0.3586,
0.3591


357.4854, 0.3352,
0.3442

 29.6705, 0.3646,
0.3628


 79.2978, 0.3500,
0.3537

 19.5886, 0.3723,
0.3674


 103.5821, 0.3468,
0.3517

 12.0964, 0.3826,
0.3735


132.3781, 0.3441,
0.3500

 6.8093, 0.3972,
0.3817

166.0700, 0.3418,
0.3485

 3.3432, 0.4191,
0.3933

205.0423, 0.3398,
0.3472

 1.3134, 0.4767,
0.4295

249.6793, 0.3381,

 0.1515, 0.6619,

0.3461

0.3381

300.3656, 0.3366,
0.3451

0.0000, 0.0000,
0.0000

42.7264, 0.3586,
0.3591

42.7264, 0.3586,
0.3591

38.3355, 0.3813,
0.3716

47.5495, 0.3386,
0.3468

34.3581, 0.4067,
0.3836

52.8112, 0.3212,
0.3351

30.7822, 0.4343,
0.3945

58.5255, 0.3060,
0.3240

27.5933, 0.4634,
0.4030

64.7034, 0.2929,
0.3138

24.7754, 0.4925,
0.4079

71.3560, 0.2816,
0.3044

■ 22.3113, 0.5197,
0.4080

■ 77.8209, 0.2771,
0.3062

■ 20.1811, 0.5431,
0.4026

■ 84.0505, 0.2780,
0.3177

■ 19.3011, 0.5530,
0.3991

■ 90.6116, 0.2789,
0.3289

Harmonies

Analogous

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



42.7264, 0.3591, 0.3408



42.7264, 0.3586, 0.3591



42.7264, 0.3454, 0.3703

Triad

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



42.7264, 0.3586, 0.3591



42.7264, 0.2796, 0.3366



42.7264, 0.3004, 0.2915

Complementary

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



42.7264, 0.3586, 0.3591



40.4938, 0.2730, 0.2968

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.



42.7264, 0.2801, 0.2893



42.7264, 0.3586, 0.3591



42.7264, 0.2685, 0.3143

Square

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



42.7264, 0.3586, 0.3591



42.7264, 0.2996, 0.3576



42.7264, 0.2687, 0.2972



42.7264, 0.3248, 0.3028

Rectangle

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



42.7264, 0.3586, 0.3591



42.7264, 0.3315, 0.3715



42.7264, 0.2687, 0.2972



42.7264, 0.2929, 0.2897

Sweetspot

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



42.7283, 0.3586, 0.3591



91.9310, 0.3257, 0.3382



35.8045, 0.3373, 0.2935



19.3650, 0.3283, 0.3400



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.



42.7283, 0.3586, 0.3591



72.4439, 0.3697, 0.3654



52.7871, 0.3514, 0.3889



11.4280, 0.3278, 0.3397



12.8571, 0.5509, 0.4008



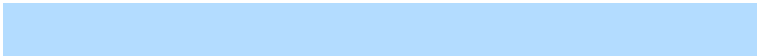
0.7533, 0.5165, 0.4281

Inverse Universe

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



40.4938, 0.2730, 0.2968



67.8174, 0.2649, 0.2894



31.8760, 0.2698, 0.2612



11.2198, 0.2983, 0.3181



9.6429, 0.1813, 0.1727



0.6003, 0.1912, 0.2082

Previews

White Background



This preview shows how the Yxy color 42.7264, 0.3586, 0.3591 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 42.7264, 0.3586, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

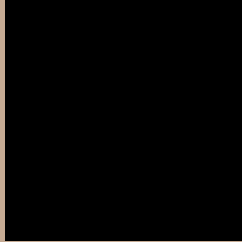
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7264, 0.3586, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 42.7264, 0.3586, 0.3591.



This preview shows how white text looks on a background with the Yxy color 42.7264, 0.3586, 0.3591.

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

42.7264, 0.3586, 0.3591

Protanopia

42.6324, 0.3432, 0.3628

Deuteranopia

42.6684, 0.3641, 0.3561



Tritanopia

42.9043, 0.3349, 0.3140

Trichromacy



Original Color

42.7264, 0.3586, 0.3591

Protanomaly

42.8441, 0.3491, 0.3624

Deuteranomaly

42.7619, 0.3618, 0.3575

Tritanomaly

42.7068, 0.3438, 0.3291

Monochromacy



Original Color

42.7264, 0.3586, 0.3591

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6710, 0.3285, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7264, 0.3586, 0.3591 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(197, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 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(197, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 147) }
```

Border

The CSS property to change the border of an element to Yxy 42.7264, 0.3586, 0.3591 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(197, 170, 147) }
```

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

```
.border{ border-color:rgb(197, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7264, 0.3586, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 147) }
```

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

```
.background{ background-color: rgb(197,  
170, 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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