

Converting Colors

$Y_{xy}(42.6569, 0.3616, 0.3534)$

Have a look what the booklet for
Yxy(42.6569, 0.3616, 0.3534)
contains.

Yxy(42.5927, 0.3612, 0.3536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.5927, 0.3612, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	C9A895
RGB	201, 168, 149
RGB Percent	79%, 66%, 58%
CMY	0.2119, 0.3411, 0.4158
CMYK	0.00, 0.16, 0.26, 0.21
HSL	22°, 32%, 69%
HSV	22°, 26%, 79%
XYZ	43.5082, 42.5927, 34.3536
YIQ	175.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

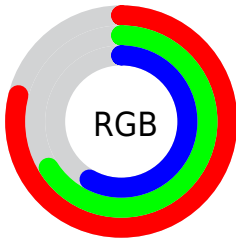
Format	Color
RYB	201, 179, 149
Decimal	13215893
CIELab	71.28, 9.15, 14.32
CIELCh	71, 16.995, 57.440
Yxy	42.5927, 0.3612, 0.3536
Android (android.graphics.Color)	4291405973 (0xFFC9A895)
YUV	175.7010, -13.1636, 22.1872
Hunter-Lab	65.2631, 4.7881, 14.4747

Details

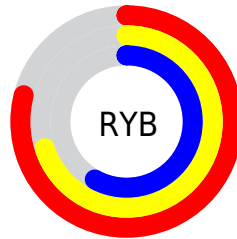
The Yxy color **42.5927, 0.3612, 0.3536** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0340, 0.2728, 0.3030**, and the grayscale version is **43.3112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3471, 0.3497, 0.3494**, and **19.4836, 0.3758, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **37.5309, 0.3857, 0.3636**, and if you desaturate by 10%, it is **48.2300, 0.3401, 0.3437**.

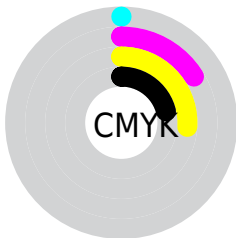
Distribution



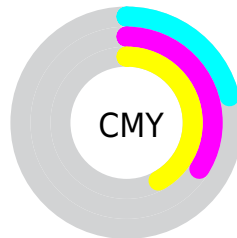
- Red (79%)
- Green (66%)
- Blue (58%)



- Red (79%)
- Yellow (70%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (21%)




- Cyan (21%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5927, 0.3612, 0.3536 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 42.5927, 0.3612, 0.3536 by changing the saturation by 10% instead.

 42.5927, 0.3612,
0.3536


 42.5927, 0.3612,
0.3536


356.9341, 0.3364,
0.3416

 29.5657, 0.3675,
0.3565


 79.0959, 0.3521,
0.3493

 19.5092, 0.3757,
0.3602


 103.3408, 0.3487,
0.3477

 12.0388, 0.3868,
0.3649

132.0938, 0.3458,
0.3463

 6.7701, 0.4025,
0.3712

165.7393, 0.3434,
0.3451

 3.3187, 0.4262,
0.3798

204.6617, 0.3413,
0.3440

 1.3003, 0.4827,
0.4056

249.2454, 0.3395,

 0.1414, 0.7166,

0.3431

0.2834

299.8747, 0.3379,
0.3423

0.0000, 0.0000,
0.0000

42.5927, 0.3612,
0.3536

42.5927, 0.3612,
0.3536

37.5309, 0.3857,
0.3636

48.2300, 0.3401,
0.3437

33.0200, 0.4136,
0.3733

54.4549, 0.3220,
0.3343

29.0418, 0.4447,
0.3818

61.2864, 0.3067,
0.3254

25.5750, 0.4780,
0.3879

68.7410, 0.2935,
0.3173

22.5967, 0.5117,
0.3906

76.8344, 0.2824,
0.3098

■ 20.0816, 0.5434,
0.3885

■ 84.6076, 0.2803,
0.3178

■ 18.0012, 0.5701,
0.3813

■ 91.1538, 0.2810,
0.3289

■ 17.2556, 0.5800,
0.3777

Harmonies

Analogous

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



42.5927, 0.3568, 0.3337



42.5927, 0.3612, 0.3536



42.5927, 0.3520, 0.3681

Triad

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



42.5927, 0.3612, 0.3536



42.5927, 0.2854, 0.3448



42.5927, 0.2921, 0.2889

Complementary

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



42.5927, 0.3612, 0.3536



44.0340, 0.2728, 0.3030

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.



42.5927, 0.2742, 0.2903



42.5927, 0.3612, 0.3536



42.5927, 0.2704, 0.3217

Square

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



42.5927, 0.3612, 0.3536



42.5927, 0.3078, 0.3639



42.5927, 0.2665, 0.3018



42.5927, 0.3162, 0.2974

Rectangle

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



42.5927, 0.3612, 0.3536



42.5927, 0.3397, 0.3723



42.5927, 0.2665, 0.3018



42.5927, 0.2852, 0.2882

Sweetspot

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



42.5947, 0.3612, 0.3536



90.7804, 0.3258, 0.3363



37.3124, 0.3328, 0.2865



19.0760, 0.3285, 0.3378



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.



42.5947, 0.3612, 0.3536



68.0036, 0.3744, 0.3592



52.8002, 0.3536, 0.3841



11.2622, 0.3281, 0.3375



11.0134, 0.5774, 0.3797



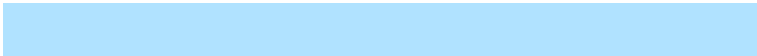
0.6593, 0.5377, 0.4113

Inverse Universe

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



44.0340, 0.2728, 0.3030



70.8685, 0.2643, 0.2965



34.6433, 0.2695, 0.2671



11.3893, 0.2984, 0.3203



12.4415, 0.1905, 0.2056



0.7237, 0.1984, 0.2343

Previews

White Background



This preview shows how the Yxy color 42.5927, 0.3612, 0.3536 looks on a white background.

Color Contrast Check

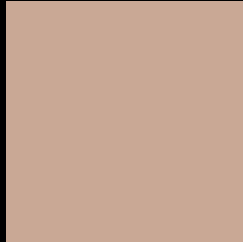
Large Text (above 18pt) WCAG AA × Fail

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 42.5927, 0.3612, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

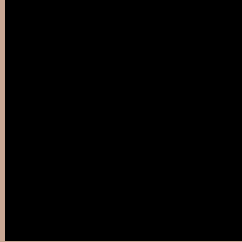
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5927, 0.3612, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 42.5927, 0.3612, 0.3536.



This preview shows how white text looks on a background with the Yxy color 42.5927, 0.3612, 0.3536.

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

42.5927, 0.3612, 0.3536

Protanopia

42.6064, 0.3397, 0.3588

Deuteranopia

42.5927, 0.3612, 0.3536



Tritanopia

42.5626, 0.3389, 0.3128

Trichromacy



Original Color

42.5927, 0.3612, 0.3536

Protanomaly

42.6866, 0.3476, 0.3570

Deuteranomaly

42.5927, 0.3612, 0.3536

Tritanomaly

42.3968, 0.3471, 0.3266

Monochromacy



Original Color

42.5927, 0.3612, 0.3536

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9546, 0.3295, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5927, 0.3612, 0.3536 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(201, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(201, 168, 149)  
}
```

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(201, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 168, 149) }
```

Border

The CSS property to change the border of an element to Yxy 42.5927, 0.3612, 0.3536 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(201, 168, 149) }
```

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

```
.border{ border-color:rgb(201, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(201, 168,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5927, 0.3612, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 168, 149) }
```

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

```
.background{ background-color: rgb(201,  
168, 149) }
```

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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