

Converting Colors

$Yxy(43.1179, 0.3618, 0.3515)$

Have a look what the booklet for
Yxy(43.1179, 0.3618, 0.3515)
contains.

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Color

Yxy(42.9361, 0.3613, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	CBA897
RGB	203, 168, 151
RGB Percent	80%, 66%, 59%
CMY	0.2038, 0.3412, 0.4078
CMYK	0.00, 0.17, 0.26, 0.20
HSL	20°, 33%, 69%
HSV	20°, 26%, 80%
XYZ	44.2212, 42.9361, 35.2375
YIQ	176.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

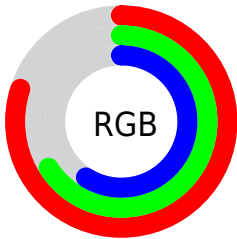
Format	Color
R _Y B	203, 176, 151
Decimal	13346967
CIE Lab	71.51, 10.23, 13.57
CIE LCh	72, 16.994, 52.982
Yxy	42.9361, 0.3613, 0.3508
Android (android.graphics.Color)	4291537047 (0xFFCBA897)
YUV	176.5270, -12.5848, 23.2168
Hunter-Lab	65.5256, 5.7943, 13.9838

Details

The Yxy color $42.9361, 0.3613, 0.3508$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $46.0226, 0.2734, 0.3061$, and the grayscale version is $43.7643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4431, 0.3482, 0.3473$, and $19.7068, 0.3758, 0.3568$ is the 20% darker color. If you saturate the color by 10%, you get $37.5493, 0.3864, 0.3598$, and if you desaturate by 10%, it is $48.9711, 0.3399, 0.3419$.

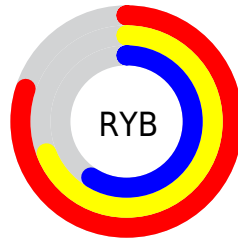
Distribution



Red (80%)

Green (66%)

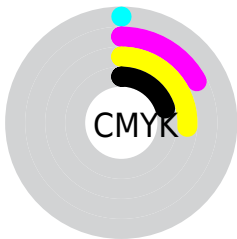
Blue (59%)



Red (80%)

Yellow (69%)

Blue (59%)

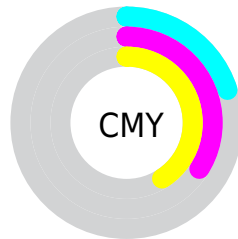


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9361, 0.3613, 0.3508 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 42.9361, 0.3613, 0.3508 by changing the saturation by 10% instead.


 42.9361, 0.3613,
0.3508

 42.9361, 0.3613,
0.3508


358.3489, 0.3365,
0.3402

 29.8350, 0.3676,
0.3533


 79.6144, 0.3522,
0.3470

 19.7134, 0.3759,
0.3565


 103.9604, 0.3488,
0.3456

 12.1869, 0.3869,
0.3606


132.8235, 0.3459,
0.3444

 6.8711, 0.4026,
0.3660

166.5880, 0.3435,
0.3433

 3.3816, 0.4264,
0.3732

205.6385, 0.3414,
0.3424

 1.3341, 0.4783,
0.3926

250.3592, 0.3395,

 0.1673, 0.7096,

0.3416

0.2904

301.1345, 0.3379,
0.3408

0.0000, 0.0000,
0.0000

42.9361, 0.3613,
0.3508

42.9361, 0.3613,
0.3508

37.5493, 0.3864,
0.3598

48.9711, 0.3399,
0.3419

32.7826, 0.4152,
0.3684

55.6693, 0.3217,
0.3335

28.6145, 0.4477,
0.3760

63.0528, 0.3063,
0.3256

25.0200, 0.4827,
0.3813

71.1408, 0.2933,
0.3184

21.9720, 0.5184,
0.3833

79.9515, 0.2822,
0.3117

■ 19.4408, 0.5519,
0.3807

■ 88.3013, 0.2818,
0.3237

■ 17.3932, 0.5798,
0.3732

■ 91.4391, 0.2822,
0.3289

■ 16.6329, 0.5906,
0.3693

Harmonies

Analogous

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



42.9361, 0.3549, 0.3306



42.9361, 0.3613, 0.3508



42.9361, 0.3540, 0.3664

Triad

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



42.9361, 0.3613, 0.3508



42.9361, 0.2884, 0.3481



42.9361, 0.2890, 0.2886

Complementary

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



42.9361, 0.3613, 0.3508



46.0226, 0.2734, 0.3061

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.



42.9361, 0.2725, 0.2914



42.9361, 0.3613, 0.3508



42.9361, 0.2721, 0.3251

Square

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



42.9361, 0.3613, 0.3508



42.9361, 0.3115, 0.3658



42.9361, 0.2664, 0.3044



42.9361, 0.3124, 0.2956

Rectangle

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



42.9361, 0.3613, 0.3508



42.9361, 0.3427, 0.3717



42.9361, 0.2664, 0.3044



42.9361, 0.2825, 0.2884

Sweetspot

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



42.9381, 0.3613, 0.3508



90.3020, 0.3259, 0.3356



38.4033, 0.3309, 0.2848



18.9560, 0.3286, 0.3368



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.



42.9381, 0.3613, 0.3508



66.5270, 0.3754, 0.3560



53.2877, 0.3537, 0.3816



11.8022, 0.3282, 0.3366



10.7318, 0.5881, 0.3713



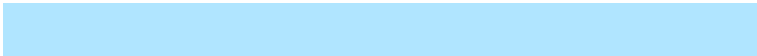
0.6919, 0.5495, 0.4019

Inverse Universe

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



46.0226, 0.2734, 0.3061



72.5811, 0.2647, 0.3001



36.2229, 0.2702, 0.2703



12.0852, 0.2983, 0.3213



14.2455, 0.1943, 0.2195



0.8696, 0.2010, 0.2434

Previews

White Background



This preview shows how the Yxy color 42.9361, 0.3613, 0.3508 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 42.9361, 0.3613, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

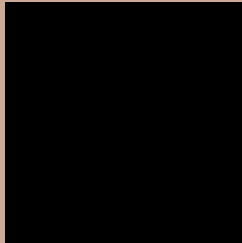
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9361, 0.3613, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 42.9361, 0.3613, 0.3508.



This preview shows how white text looks on a background with the Yxy color 42.9361, 0.3613, 0.3508.

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

42.9361, 0.3613, 0.3508

Protanopia

43.0603, 0.3377, 0.3574

Deuteranopia

43.0278, 0.3590, 0.3522



Tritanopia

42.8471, 0.3408, 0.3129

Trichromacy



Original Color

42.9361, 0.3613, 0.3508

Protanomaly

42.7521, 0.3459, 0.3543

Deuteranomaly

43.1669, 0.3600, 0.3521

Tritanomaly

42.7166, 0.3481, 0.3253

Monochromacy



Original Color

42.9361, 0.3613, 0.3508

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5384, 0.3286, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9361, 0.3613, 0.3508 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(203, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 151)  
}
```

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(203, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.9361, 0.3613, 0.3508 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(203, 168, 151) }
```

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

```
.border{ border-color:rgb(203, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9361, 0.3613, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 151) }
```

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

```
.background{ background-color: rgb(203,  
168, 151) }
```

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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