

Converting Colors

$Yxy(42.8459, 0.3611, 0.3430)$

Have a look what the booklet for
Yxy(42.8459, 0.3611, 0.3430)
contains.

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Color

Yxy(42.7608, 0.3610, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	CEA69B
RGB	206, 166, 155
RGB Percent	81%, 65%, 61%
CMY	0.1922, 0.3490, 0.3921
CMYK	0.00, 0.19, 0.25, 0.19
HSL	13°, 34%, 71%
HSV	13°, 25%, 81%
XYZ	45.0048, 42.7608, 36.9014
YIQ	176.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

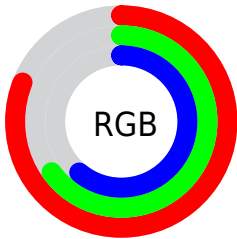
Format	Color
R _Y B	206, 169, 155
Decimal	13543067
CIE Lab	71.39, 13.02, 11.24
CIE LCh	71, 17.198, 40.790
Yxy	42.7608, 0.3610, 0.3430
Android (android.graphics.Color)	4291733147 (0xFFCEA69B)
YUV	176.7060, -10.7011, 25.6908
Hunter-Lab	65.3917, 8.4142, 12.3161

Details

The Yxy color **42.7608, 0.3610, 0.3430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4569, 0.2754, 0.3145**, and the grayscale version is **43.8518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5764, 0.3458, 0.3412**, and **19.6134, 0.3756, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **36.6179, 0.3876, 0.3490**, and if you desaturate by 10%, it is **49.7638, 0.3388, 0.3371**.

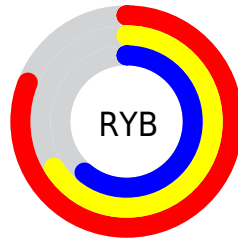
Distribution



Red (81%)

Green (65%)

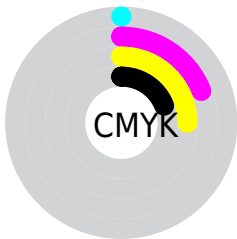
Blue (61%)



Red (81%)

Yellow (66%)

Blue (61%)

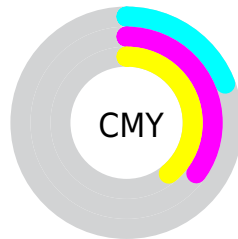


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7608, 0.3610, 0.3430 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 42.7608, 0.3610, 0.3430 by changing the saturation by 10% instead.


 42.7608, 0.3610,
0.3430

 42.7608, 0.3610,
0.3430


357.6271, 0.3363,
0.3364

 29.6975, 0.3673,
0.3445


 79.3498, 0.3519,
0.3407

 19.6091, 0.3756,
0.3464


 103.6442, 0.3485,
0.3398

 12.1112, 0.3867,
0.3488


132.4512, 0.3457,
0.3390

 6.8195, 0.4025,
0.3518

166.1550, 0.3433,
0.3383

 3.3494, 0.4266,
0.3555

205.1401, 0.3412,
0.3377

 1.3168, 0.4735,
0.3640

249.7909, 0.3393,

 0.1541, 0.7508,

0.3372

0.2492

300.4918, 0.3377,
0.3368

0.0000, 0.0000,
0.0000

42.7608, 0.3610,
0.3430

42.7608, 0.3610,
0.3430

36.6179, 0.3876,
0.3490

49.7638, 0.3388,
0.3371

31.2959, 0.4190,
0.3548

57.6525, 0.3203,
0.3315

26.7615, 0.4550,
0.3596

66.4586, 0.3050,
0.3263

22.9764, 0.4947,
0.3628

76.2104, 0.2923,
0.3216

19.8993, 0.5355,
0.3632

86.7395, 0.2833,
0.3204

■ 17.4845, 0.5733,
0.3601

■ 91.8599, 0.2838,
0.3289

■ 15.6808, 0.6033,
0.3533

■ 14.9514, 0.6158,
0.3492

Harmonies

Analogous

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



42.7608, 0.3492, 0.3221



42.7608, 0.3610, 0.3430



42.7608, 0.3592, 0.3614

Triad

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



42.7608, 0.3610, 0.3430



42.7608, 0.2970, 0.3567



42.7608, 0.2808, 0.2880

Complementary

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



42.7608, 0.3610, 0.3430



50.4569, 0.2754, 0.3145

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.



42.7608, 0.2680, 0.2951



42.7608, 0.3610, 0.3430



42.7608, 0.2772, 0.3346

Square

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



42.7608, 0.3610, 0.3430



42.7608, 0.3217, 0.3706



42.7608, 0.2667, 0.3119



42.7608, 0.3023, 0.2912

Rectangle

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



42.7608, 0.3610, 0.3430



42.7608, 0.3506, 0.3696



42.7608, 0.2667, 0.3119



42.7608, 0.2754, 0.2892

Sweetspot

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



42.7628, 0.3610, 0.3430



90.2925, 0.3243, 0.3328



40.5463, 0.3247, 0.2794



19.1546, 0.3254, 0.3331



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.



42.7628, 0.3610, 0.3430



63.5204, 0.3754, 0.3464



52.6170, 0.3539, 0.3729



11.5992, 0.3285, 0.3341



9.3254, 0.6135, 0.3511



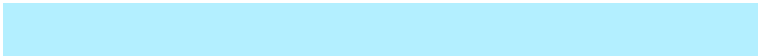
0.5958, 0.5751, 0.3816

Inverse Universe

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



50.4569, 0.2754, 0.3145



78.1904, 0.2673, 0.3108



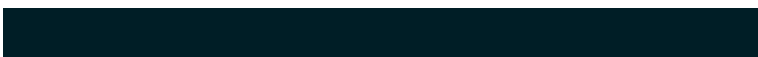
40.2929, 0.2725, 0.2808



12.3006, 0.2983, 0.3239



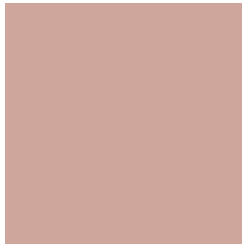
18.7148, 0.2052, 0.2587



1.0703, 0.2094, 0.2740

Previews

White Background



This preview shows how the Yxy color 42.7608, 0.3610, 0.3430 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 42.7608, 0.3610, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

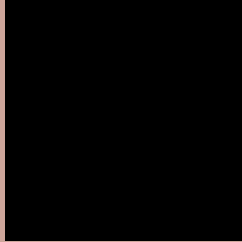
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7608, 0.3610, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 42.7608, 0.3610, 0.3430.



This preview shows how white text looks on a background with the Yxy color 42.7608, 0.3610, 0.3430.

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

42.7608, 0.3610, 0.3430

Protanopia

42.7204, 0.3326, 0.3493

Deuteranopia

42.8846, 0.3534, 0.3472



Tritanopia

42.7389, 0.3438, 0.3130

Trichromacy



Original Color

42.7608, 0.3610, 0.3430

Protanomaly

42.6708, 0.3426, 0.3462

Deuteranomaly

42.9284, 0.3566, 0.3457

Tritanomaly

42.6435, 0.3502, 0.3241

Monochromacy



Original Color

42.7608, 0.3610, 0.3430

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4431, 0.3297, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7608, 0.3610, 0.3430 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(206, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 166, 155)  
}
```

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(206, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 166, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.7608, 0.3610, 0.3430 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(206, 166, 155) }
```

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

```
.border{ border-color:rgb(206, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 166,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7608, 0.3610, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 166, 155) }
```

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

```
.background{ background-color: rgb(206,  
166, 155) }
```

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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