

Converting Colors

$Yxy(42.1020, 0.3482, 0.3438)$

Have a look what the booklet for
Yxy(42.1020, 0.3482, 0.3438)
contains.

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Color

Yxy(42.0417, 0.3480, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	C3A89D
RGB	195, 168, 157
RGB Percent	76%, 66%, 62%
CMY	0.2353, 0.3411, 0.3844
CMYK	0.00, 0.14, 0.19, 0.24
HSL	17°, 24%, 69%
HSV	17°, 19%, 76%
XYZ	42.5925, 42.0417, 37.7580
YIQ	174.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

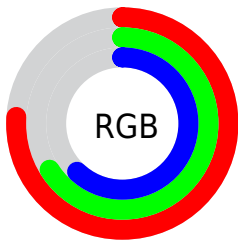
Format	Color
R _Y B	195, 172, 157
Decimal	12822685
CIE Lab	70.90, 8.05, 9.32
CIE LCh	71, 12.313, 49.157
Yxy	42.0417, 0.3480, 0.3435
Android (android.graphics.Color)	4291012765 (0xFFC3A89D)
YUV	174.8190, -8.7848, 17.6987
Hunter-Lab	64.8396, 3.7856, 10.8614

Details

The Yxy color $42.0417, 0.3480, 0.3435$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.3751, 0.2830, 0.3140$, and the grayscale version is $42.8102, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2243, 0.3411, 0.3403$, and $19.1941, 0.3585, 0.3470$ is the 20% darker color. If you saturate the color by 10%, you get $36.5872, 0.3712, 0.3515$, and if you desaturate by 10%, it is $48.1505, 0.3284, 0.3358$.

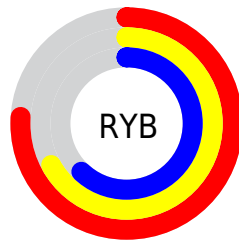
Distribution



Red (76%)

Green (66%)

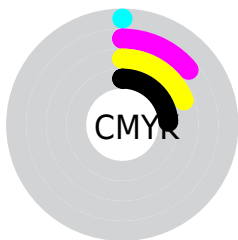
Blue (62%)



Red (76%)

Yellow (67%)

Blue (62%)

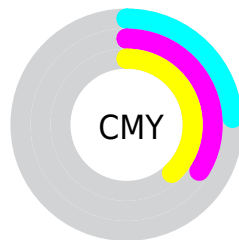


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0417, 0.3480, 0.3435 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 42.0417, 0.3480, 0.3435 by changing the saturation by 10% instead.


 42.0417, 0.3480,
0.3435


 42.0417, 0.3480,
0.3435


354.6558, 0.3299,
0.3364

 29.1339, 0.3526,
0.3452


 78.2627, 0.3413,
0.3409

 19.1822, 0.3587,
0.3475


 102.3448, 0.3389,
0.3400

 11.8020, 0.3669,
0.3503


130.9204, 0.3368,
0.3391

 6.6090, 0.3786,
0.3543

164.3740, 0.3350,
0.3384

 3.2188, 0.3966,
0.3598

203.0899, 0.3335,
0.3378

 1.2470, 0.4316,
0.3712

247.4526, 0.3322,

 0.0996, 0.7452,

0.3373

0.2548

297.8464, 0.3310,
0.3368

0.0000, 0.0000,
0.0000

42.0417, 0.3480,
0.3435

42.0417, 0.3480,
0.3435

36.5872, 0.3712,
0.3515

48.1505, 0.3284,
0.3358

31.7594, 0.3983,
0.3594

54.9288, 0.3120,
0.3287

27.5368, 0.4296,
0.3668

62.3985, 0.2981,
0.3220

23.8947, 0.4645,
0.3727

70.5787, 0.2864,
0.3159

20.8066, 0.5017,
0.3762

79.4877, 0.2766,
0.3104

■ 18.2435, 0.5385,
0.3760

■ 87.8598, 0.2775,
0.3248

■ 16.1737, 0.5715,
0.3713

■ 90.3421, 0.2778,
0.3289

■ 14.5560, 0.5979,
0.3628

■ 14.4854, 0.5992,
0.3624

Harmonies

Analogous

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



42.0417, 0.3421, 0.3284



42.0417, 0.3480, 0.3435



42.0417, 0.3441, 0.3554

Triad

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



42.0417, 0.3480, 0.3435



42.0417, 0.2970, 0.3448



42.0417, 0.2935, 0.2990

Complementary

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



42.0417, 0.3480, 0.3435



45.3751, 0.2830, 0.3140

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.



42.0417, 0.2821, 0.3024



42.0417, 0.3480, 0.3435



42.0417, 0.2841, 0.3285

Square

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



42.0417, 0.3480, 0.3435



42.0417, 0.3143, 0.3567



42.0417, 0.2787, 0.3130



42.0417, 0.3103, 0.3033

Rectangle

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



42.0417, 0.3480, 0.3435



42.0417, 0.3365, 0.3597



42.0417, 0.2787, 0.3130



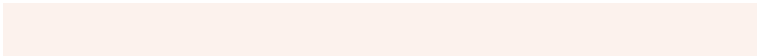
42.0417, 0.2889, 0.2993

Sweetspot

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



42.0436, 0.3480, 0.3435



90.2355, 0.3225, 0.3333



39.1789, 0.3247, 0.2942



19.5868, 0.3236, 0.3338



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.



42.0436, 0.3480, 0.3435



71.3943, 0.3565, 0.3466



49.4755, 0.3436, 0.3671



10.5433, 0.3282, 0.3357



9.5419, 0.5968, 0.3644



0.5346, 0.5515, 0.4003

Inverse Universe

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



45.3751, 0.2830, 0.3140



78.3426, 0.2771, 0.3107



38.0944, 0.2814, 0.2878



10.9189, 0.2984, 0.3222



14.6069, 0.1980, 0.2328



0.7449, 0.2047, 0.2568

Previews

White Background



This preview shows how the Yxy color 42.0417, 0.3480, 0.3435 looks on a white background.

Color Contrast Check

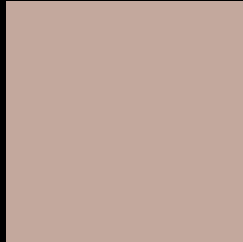
Large Text (above 18pt) WCAG AA × Fail

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 42.0417, 0.3480, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

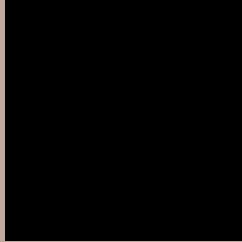
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0417, 0.3480, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 42.0417, 0.3480, 0.3435.



This preview shows how white text looks on a background with the Yxy color 42.0417, 0.3480, 0.3435.

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

42.0417, 0.3480, 0.3435

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

41.8075, 0.3492, 0.3421



Tritanopia

42.1304, 0.3322, 0.3125

Trichromacy



Original Color

42.0417, 0.3480, 0.3435

Protanomaly

41.9433, 0.3360, 0.3452

Deuteranomaly

41.8075, 0.3492, 0.3421

Tritanomaly

42.0450, 0.3384, 0.3239

Monochromacy



Original Color

42.0417, 0.3480, 0.3435

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2773, 0.3252, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0417, 0.3480, 0.3435 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(195, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 157)  
}
```

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(195, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.0417, 0.3480, 0.3435 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(195, 168, 157) }
```

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

```
.border{ border-color:rgb(195, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0417, 0.3480, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 157) }
```

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

```
.background{ background-color: rgb(195,  
168, 157) }
```

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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