

Converting Colors

$Yxy(42.9442, 0.3643, 0.3491)$

Have a look what the booklet for
Yxy(42.9442, 0.3643, 0.3491)
contains.

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Color

Yxy(42.9936, 0.3645, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	CEA797
RGB	206, 167, 151
RGB Percent	81%, 65%, 59%
CMY	0.1923, 0.3450, 0.4079
CMYK	0.00, 0.19, 0.27, 0.19
HSL	17°, 36%, 70%
HSV	17°, 27%, 81%
XYZ	44.8517, 42.9936, 35.2045
YIQ	176.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

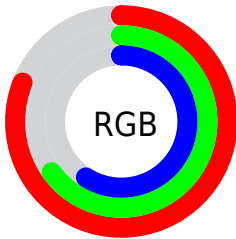
Format	Color
R _Y B	206, 174, 151
Decimal	13543319
CIE Lab	71.55, 11.90, 13.68
CIE LCh	72, 18.128, 48.989
Yxy	42.9936, 0.3645, 0.3494
Android (android.graphics.Color)	4291733399 (0xFFCEA797)
YUV	176.8370, -12.7376, 25.5760
Hunter-Lab	65.5695, 7.3531, 14.0656

Details

The Yxy color **42.9936, 0.3645, 0.3494** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8333, 0.2720, 0.3076**, and the grayscale version is **43.9328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9103, 0.3484, 0.3463**, and **19.7609, 0.3804, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **37.3350, 0.3906, 0.3575**, and if you desaturate by 10%, it is **49.3763, 0.3423, 0.3414**.

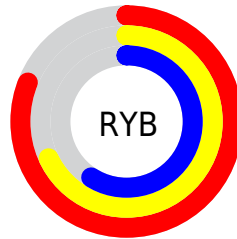
Distribution



Red (81%)

Green (65%)

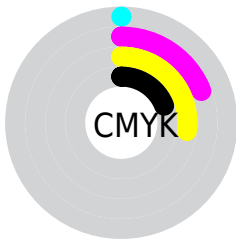
Blue (59%)



Red (81%)

Yellow (68%)

Blue (59%)

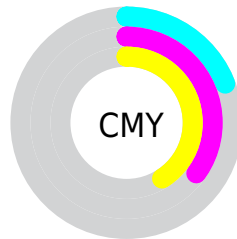


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9936, 0.3645, 0.3494 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 42.9936, 0.3645, 0.3494 by changing the saturation by 10% instead.


 42.9936, 0.3645,
0.3494


 42.9936, 0.3645,
0.3494


358.5854, 0.3381,
0.3396

 29.8801, 0.3713,
0.3517


 79.7012, 0.3548,
0.3459

 19.7476, 0.3800,
0.3546


 104.0641, 0.3511,
0.3446

 12.2117, 0.3918,
0.3582


132.9456, 0.3481,
0.3435

 6.8880, 0.4086,
0.3629

166.7300, 0.3455,
0.3425

 3.3922, 0.4339,
0.3690

205.8018, 0.3433,
0.3416

 1.3397, 0.4885,
0.3859

250.5454, 0.3413,

 0.1717, 0.7254,

0.3409

0.2746

301.3451, 0.3396,
0.3402

0.0000, 0.0000,
0.0000

42.9936, 0.3645,
0.3494

42.9936, 0.3645,
0.3494

37.3350, 0.3906,
0.3575

49.3763, 0.3423,
0.3414

32.3686, 0.4209,
0.3651

56.5019, 0.3236,
0.3338

28.0687, 0.4550,
0.3716

64.3958, 0.3078,
0.3267

24.4057, 0.4919,
0.3758

73.0804, 0.2946,
0.3202

21.3475, 0.5292,
0.3767

82.5772, 0.2834,
0.3142

■ 18.8588, 0.5635,
0.3732

■ 91.5817, 0.2838,
0.3285

■ 16.8995, 0.5913,
0.3651

■ 91.8582, 0.2838,
0.3289

■ 16.3561, 0.5994,
0.3622

Harmonies

Analogous

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



42.9936, 0.3558, 0.3276



42.9936, 0.3645, 0.3494



42.9936, 0.3586, 0.3671

Triad

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



42.9936, 0.3645, 0.3494



42.9936, 0.2897, 0.3524



42.9936, 0.2846, 0.2858

Complementary

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



42.9936, 0.3645, 0.3494



47.8333, 0.2720, 0.3076

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.



42.9936, 0.2683, 0.2902



42.9936, 0.3645, 0.3494



42.9936, 0.2712, 0.3281

Square

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



42.9936, 0.3645, 0.3494



42.9936, 0.3149, 0.3701



42.9936, 0.2636, 0.3053



42.9936, 0.3088, 0.2920

Rectangle

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



42.9936, 0.3645, 0.3494



42.9936, 0.3474, 0.3739



42.9936, 0.2636, 0.3053



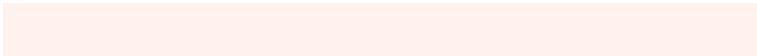
42.9936, 0.2780, 0.2860

Sweetspot

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



42.9956, 0.3645, 0.3494



89.8786, 0.3260, 0.3349



38.9805, 0.3301, 0.2807



18.8499, 0.3287, 0.3360



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.



42.9956, 0.3645, 0.3494



64.3130, 0.3789, 0.3540



53.9620, 0.3562, 0.3818



11.7378, 0.3283, 0.3358



10.2210, 0.5968, 0.3643



0.6597, 0.5575, 0.3955

Inverse Universe

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



47.8333, 0.2720, 0.3076



73.4175, 0.2636, 0.3023



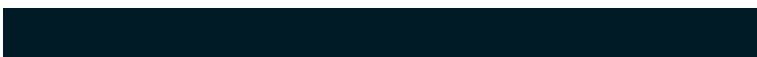
37.1904, 0.2684, 0.2699



12.1529, 0.2983, 0.3221



15.5646, 0.1978, 0.2320



0.9299, 0.2037, 0.2532

Previews

White Background



This preview shows how the Yxy color 42.9936, 0.3645, 0.3494 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 42.9936, 0.3645, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

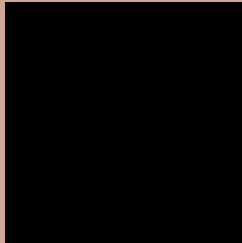
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9936, 0.3645, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 42.9936, 0.3645, 0.3494.



This preview shows how white text looks on a background with the Yxy color 42.9936, 0.3645, 0.3494.

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

42.9936, 0.3645, 0.3494

Protanopia

43.0938, 0.3368, 0.3560

Deuteranopia

43.0278, 0.3590, 0.3522



Tritanopia

42.8843, 0.3448, 0.3131

Trichromacy



Original Color

42.9936, 0.3645, 0.3494

Protanomaly

42.9145, 0.3459, 0.3528

Deuteranomaly

42.9361, 0.3613, 0.3508

Tritanomaly

42.7508, 0.3521, 0.3254

Monochromacy



Original Color

42.9936, 0.3645, 0.3494

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4057, 0.3306, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9936, 0.3645, 0.3494 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, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 167, 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(206, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 167, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.9936, 0.3645, 0.3494 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, 167, 151) }
```

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

```
.border{ border-color:rgb(206, 167, 151) }
```

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

Here you see how a box with a 4 pixel rgb(206, 167, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 167,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9936, 0.3645, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 167, 151) }
```

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

```
.background{ background-color: rgb(206,  
167, 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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