

Converting Colors

$Yxy(49.3135, 0.3412, 0.3517)$

Have a look what the booklet for
Yxy(49.3135, 0.3412, 0.3517)
contains.

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Color

Yxy(49.3135, 0.3412, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	C8B8A6
RGB	200, 184, 166
RGB Percent	78%, 72%, 65%
CMY	0.2157, 0.2784, 0.3491
CMYK	0.00, 0.08, 0.17, 0.22
HSL	32°, 24%, 72%
HSV	32°, 17%, 78%
XYZ	47.8412, 49.3135, 43.0599
YIQ	186.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

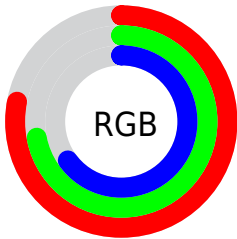
Format	Color
R _Y B	196, 200, 166
Decimal	13154470
CIE Lab	75.65, 2.71, 11.21
CIE LCh	76, 11.530, 76.420
Yxy	49.3135, 0.3412, 0.3517
Android (android.graphics.Color)	4291344550 (0xFFC8B8A6)
YUV	186.7320, -10.2209, 11.6360
Hunter-Lab	70.2236, -1.2845, 12.8009

Details

The Yxy color $49.3135, 0.3412, 0.3517$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.7179, 0.2862, 0.3052$, and the grayscale version is $49.5877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8006, 0.3347, 0.3478$, and $23.5585, 0.3496, 0.3579$ is the 20% darker color. If you saturate the color by 10%, you get $44.8607, 0.3609, 0.3658$, and if you desaturate by 10%, it is $54.1445, 0.3237, 0.3381$.

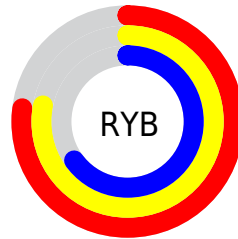
Distribution



Red (78%)

Green (72%)

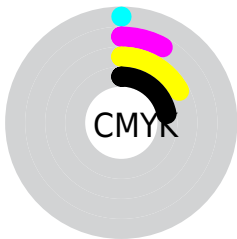
Blue (65%)



Red (77%)

Yellow (78%)

Blue (65%)

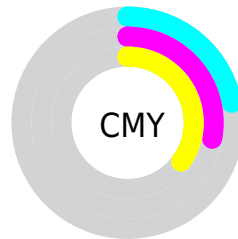


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3135, 0.3412, 0.3517 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 49.3135, 0.3412, 0.3517 by changing the saturation by 10% instead.


 49.3135, 0.3412,
0.3517


 49.3135, 0.3412,
0.3517

383.9752, 0.3271,
0.3405

 34.8682, 0.3447,
0.3544


 89.1569, 0.3361,
0.3477

 23.5614, 0.3492,
0.3579

 115.3238, 0.3342,
0.3462

 15.0086, 0.3551,
0.3624


146.1667, 0.3325,
0.3449

 8.8254, 0.3633,
0.3686

182.0700, 0.3311,
0.3438

 4.6275, 0.3753,
0.3776

223.4182, 0.3299,
0.3428

 2.0304, 0.3947,
0.3915

270.5955, 0.3288,

 0.6250, 0.5137,

0.3420

0.4863

323.9863, 0.3279,
0.3412

0.0000, 0.0000,
0.0000

49.3135, 0.3412,
0.3517

49.3135, 0.3412,
0.3517

44.8607, 0.3609,
0.3658

54.1445, 0.3237,
0.3381

40.7691, 0.3829,
0.3800

59.3568, 0.3083,
0.3253

37.0303, 0.4069,
0.3937

64.9621, 0.2949,
0.3133

33.6326, 0.4325,
0.4058

70.9693, 0.2831,
0.3023

30.5637, 0.4586,
0.4154

76.6598, 0.2787,
0.3032

■ 27.8102, 0.4841,
0.4210

■ 82.0653, 0.2794,
0.3135

■ 25.3572, 0.5074,
0.4217

■ 87.7578, 0.2801,
0.3235

■ 23.1862, 0.5271,
0.4171

■ 91.0198, 0.2805,
0.3289

■ 22.5851, 0.5327,
0.4152

Harmonies

Analogous

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



49.3135, 0.3439, 0.3408



49.3135, 0.3412, 0.3517



49.3135, 0.3308, 0.3568

Triad

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



49.3135, 0.3412, 0.3517



49.3135, 0.2880, 0.3300



49.3135, 0.3092, 0.3055

Complementary

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



49.3135, 0.3412, 0.3517



45.7179, 0.2862, 0.3052

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.



49.3135, 0.2945, 0.3023



49.3135, 0.3412, 0.3517



49.3135, 0.2825, 0.3160

Square

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



49.3135, 0.3412, 0.3517



49.3135, 0.3001, 0.3442



49.3135, 0.2849, 0.3060



49.3135, 0.3251, 0.3145

Rectangle

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



49.3135, 0.3412, 0.3517



49.3135, 0.3210, 0.3559



49.3135, 0.2849, 0.3060



49.3135, 0.3039, 0.3037

Sweetspot

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



49.3157, 0.3412, 0.3517



95.4413, 0.3206, 0.3355



42.9374, 0.3300, 0.3084



20.2942, 0.3217, 0.3365



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.



49.3157, 0.3412, 0.3517



82.7862, 0.3474, 0.3563



56.2639, 0.3376, 0.3709



11.5518, 0.3277, 0.3413



14.5408, 0.5307, 0.4168



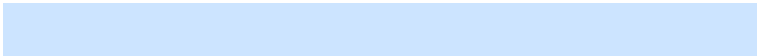
0.8327, 0.5014, 0.4401

Inverse Universe

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



45.7179, 0.2862, 0.3052



75.5297, 0.2809, 0.3001



39.5986, 0.2856, 0.2835



11.0958, 0.2983, 0.3164



7.9196, 0.1749, 0.1495



0.5197, 0.1859, 0.1890

Previews

White Background



This preview shows how the Yxy color 49.3135, 0.3412, 0.3517 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 49.3135, 0.3412, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

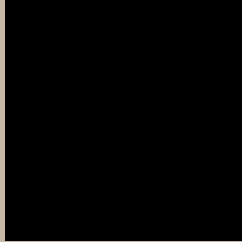
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3135, 0.3412, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 49.3135, 0.3412, 0.3517.



This preview shows how white text looks on a background with the Yxy color 49.3135, 0.3412, 0.3517.

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

49.3135, 0.3412, 0.3517

Protanopia

49.3772, 0.3347, 0.3532

Deuteranopia

49.4296, 0.3520, 0.3449



Tritanopia

49.3749, 0.3221, 0.3121

Trichromacy



Original Color

49.3135, 0.3412, 0.3517

Protanomaly

49.2237, 0.3366, 0.3519

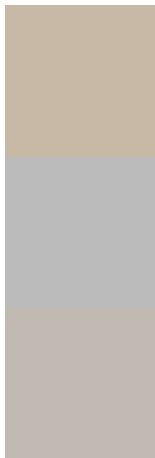
Deuteranomaly

49.2477, 0.3481, 0.3463

Tritanomaly

49.2049, 0.3293, 0.3254

Monochromacy



Original Color

49.3135, 0.3412, 0.3517

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5790, 0.3233, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3135, 0.3412, 0.3517 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(200, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 166)  
}
```

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(200, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.3135, 0.3412, 0.3517 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(200, 184, 166) }
```

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

```
.border{ border-color:rgb(200, 184, 166) }
```

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

Here you see how a box with a 4 pixel rgb(200, 184, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3135, 0.3412, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 166) }
```

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

```
.background{ background-color: rgb(200,  
184, 166) }
```

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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