

Converting Colors

$Y_{xy}(49.2595, 0.3350, 0.3422)$

Have a look what the booklet for
Yxy(49.2595, 0.3350, 0.3422)
contains.

Yxy(49.0262, 0.3346, 0.3416)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.0262, 0.3346, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7AD
RGB	199, 183, 173
RGB Percent	78%, 72%, 68%
CMY	0.2198, 0.2823, 0.3215
CMYK	0.00, 0.08, 0.13, 0.22
HSL	23°, 19%, 73%
HSV	23°, 13%, 78%
XYZ	48.0216, 49.0262, 46.4716
YIQ	186.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

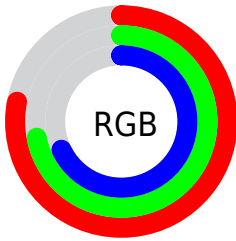
Format	Color
R _Y B	199, 189, 173
Decimal	13088685
CIE Lab	75.47, 3.97, 7.12
CIE LCh	75, 8.155, 60.831
Yxy	49.0262, 0.3346, 0.3416
Android (android.graphics.Color)	4291278765 (0xFFC7B7AD)
YUV	186.6440, -6.7265, 10.8362
Hunter-Lab	70.0187, -0.1105, 9.6622

Details

The Yxy color **49.0262, 0.3346, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3800, 0.2927, 0.3161**, and the grayscale version is **49.5150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5944, 0.3303, 0.3399**, and **23.3655, 0.3406, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **43.4892, 0.3546, 0.3519**, and if you desaturate by 10%, it is **55.1201, 0.3174, 0.3318**.

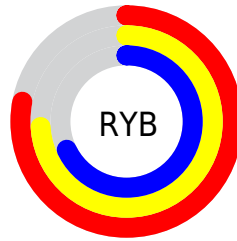
Distribution



Red (78%)

Green (72%)

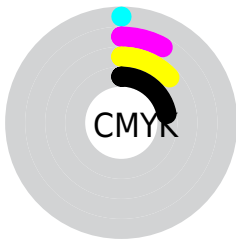
Blue (68%)



Red (78%)

Yellow (74%)

Blue (68%)

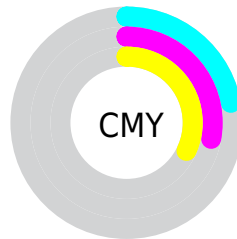


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0262, 0.3346, 0.3416 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 49.0262, 0.3346, 0.3416 by changing the saturation by 10% instead.


 49.0262, 0.3346,
0.3416

 49.0262, 0.3346,
0.3416

382.8455, 0.3237,
0.3354

 34.6403, 0.3373,
0.3431


 88.7304, 0.3307,
0.3394

 23.3859, 0.3408,
0.3450

114.8174, 0.3292,
0.3385

 14.8787, 0.3454,
0.3475


145.5736, 0.3279,
0.3378

 8.7343, 0.3518,
0.3509

181.3833, 0.3268,
0.3372

 4.5683, 0.3613,
0.3559

222.6309, 0.3259,
0.3367

 1.9963, 0.3769,
0.3636

269.7009, 0.3251,

 0.6053, 0.4673,

0.3362

0.4207

322.9776, 0.3244,
0.3358

0.0000, 0.0000,
0.0000

49.0262, 0.3346,
0.3416

49.0262, 0.3346,
0.3416

43.4892, 0.3546,
0.3519

55.1201, 0.3174,
0.3318

38.4863, 0.3778,
0.3624

61.7798, 0.3027,
0.3227

34.0029, 0.4043,
0.3728

69.0222, 0.2902,
0.3144

30.0211, 0.4338,
0.3822

76.8615, 0.2794,
0.3067

26.5217, 0.4658,
0.3896

84.1332, 0.2791,
0.3174

■ 23.4843, 0.4987,
0.3938

■ 90.8762, 0.2800,
0.3289

■ 20.8865, 0.5303,
0.3935

■ 18.7035, 0.5579,
0.3881

■ 17.4081, 0.5745,
0.3820

Harmonies

Analogous

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



49.0262, 0.3333, 0.3326



49.0262, 0.3346, 0.3416



49.0262, 0.3299, 0.3474

Triad

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



49.0262, 0.3346, 0.3416



49.0262, 0.2992, 0.3351



49.0262, 0.3045, 0.3104

Complementary

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



49.0262, 0.3346, 0.3416



49.3800, 0.2927, 0.3161

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.



49.0262, 0.2956, 0.3108



49.0262, 0.3346, 0.3416



49.0262, 0.2926, 0.3248

Square

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



49.0262, 0.3346, 0.3416



49.0262, 0.3094, 0.3438



49.0262, 0.2913, 0.3159



49.0262, 0.3158, 0.3148

Rectangle

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



49.0262, 0.3346, 0.3416



49.0262, 0.3241, 0.3487



49.0262, 0.2913, 0.3159



49.0262, 0.3012, 0.3100

Sweetspot

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



49.0284, 0.3346, 0.3416



95.4276, 0.3191, 0.3328



45.7018, 0.3225, 0.3091



20.2453, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



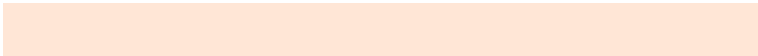
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.0284, 0.3346, 0.3416



82.6842, 0.3407, 0.3448



54.6020, 0.3325, 0.3573



11.2966, 0.3280, 0.3380



11.3572, 0.5721, 0.3840



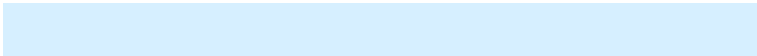
0.6776, 0.5332, 0.4148

Inverse Universe

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



49.3800, 0.2927, 0.3161



83.4330, 0.2877, 0.3126



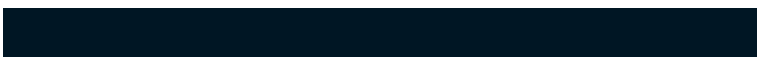
44.0722, 0.2922, 0.2990



11.3539, 0.2984, 0.3199



11.8138, 0.1885, 0.1987



0.6967, 0.1969, 0.2289

Previews

White Background



This preview shows how the Yxy color 49.0262, 0.3346, 0.3416 looks on a white background.

Color Contrast Check

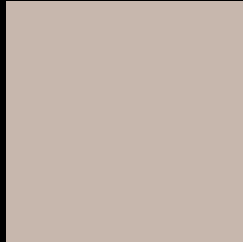
Large Text (above 18pt) WCAG AA × Fail

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 49.0262, 0.3346, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

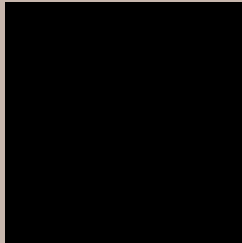
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0262, 0.3346, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 49.0262, 0.3346, 0.3416.



This preview shows how white text looks on a background with the Yxy color 49.0262, 0.3346, 0.3416.

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

49.0262, 0.3346, 0.3416

Protanopia

48.9604, 0.3274, 0.3431

Deuteranopia

49.1084, 0.3424, 0.3364



Tritanopia

49.0941, 0.3204, 0.3120

Trichromacy



Original Color

49.0262, 0.3346, 0.3416

Protanomaly

48.9391, 0.3302, 0.3417

Deuteranomaly

49.0829, 0.3395, 0.3377

Tritanomaly

49.0104, 0.3259, 0.3229

Monochromacy



Original Color

49.0262, 0.3346, 0.3416

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5716, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0262, 0.3346, 0.3416 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(199, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 173)  
}
```

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(199, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.0262, 0.3346, 0.3416 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(199, 183, 173) }
```

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

```
.border{ border-color:rgb(199, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0262, 0.3346, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 173) }
```

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

```
.background{ background-color: rgb(199,  
183, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor