

Converting Colors

$Yxy(48.7030, 0.3344, 0.3424)$

Have a look what the booklet for
Yxy(48.7030, 0.3344, 0.3424)
contains.

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Color

Yxy(48.8513, 0.3346, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	C6B7AC
RGB	198, 183, 172
RGB Percent	78%, 72%, 67%
CMY	0.2235, 0.2823, 0.3255
CMYK	0.00, 0.08, 0.13, 0.22
HSL	25°, 19%, 73%
HSV	25°, 13%, 78%
XYZ	47.6688, 48.8513, 45.9450
YIQ	186.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

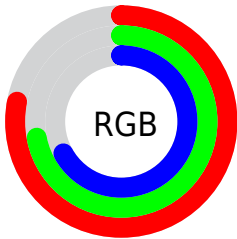
Format	Color
R_{YB}	198, 191, 172
Decimal	13023148
CIE _{Lab}	75.36, 3.47, 7.50
CIE _{LCh}	75, 8.266, 65.204
Yxy	48.8513, 0.3346, 0.3429
Android (android.graphics.Color)	4291213228 (0xFFC6B7AC)
YUV	186.2310, -7.0159, 10.3214
Hunter-Lab	69.8937, -0.5736, 9.9510

Details

The Yxy color **48.8513, 0.3346, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3873, 0.2925, 0.3147**, and the grayscale version is **49.2751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5391, 0.3310, 0.3409**, and **23.2506, 0.3405, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **43.6267, 0.3543, 0.3542**, and if you desaturate by 10%, it is **54.5759, 0.3176, 0.3322**.

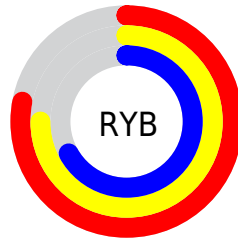
Distribution



Red (78%)

Green (72%)

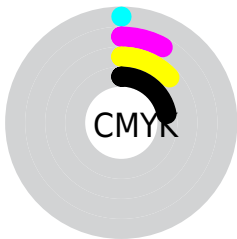
Blue (67%)



Red (78%)

Yellow (75%)

Blue (67%)

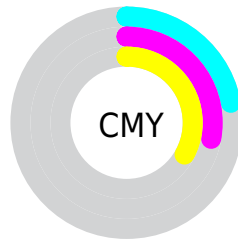


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8513, 0.3346, 0.3429 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 48.8513, 0.3346, 0.3429 by changing the saturation by 10% instead.

 48.8513, 0.3346,
0.3429

 48.8513, 0.3346,
0.3429


382.1566, 0.3237,
0.3361

 34.5015, 0.3373,
0.3446


 88.4706, 0.3306,
0.3404

 23.2792, 0.3408,
0.3467


114.5088, 0.3292,
0.3395

 14.7998, 0.3454,
0.3495


145.2121, 0.3279,
0.3387

 8.6790, 0.3518,
0.3533

180.9647, 0.3268,
0.3381

 4.5324, 0.3613,
0.3588

222.1511, 0.3259,
0.3375

 1.9756, 0.3769,
0.3675

269.1556, 0.3251,

 0.5932, 0.4758,

0.3369

0.4352

322.3626, 0.3243,
0.3365

0.0000, 0.0000,
0.0000

48.8513, 0.3346,
0.3429

48.8513, 0.3346,
0.3429

43.6267, 0.3543,
0.3542

54.5759, 0.3176,
0.3322

38.8815, 0.3770,
0.3657

60.8074, 0.3029,
0.3222

34.6032, 0.4026,
0.3770

67.5608, 0.2903,
0.3130

30.7763, 0.4310,
0.3873

74.8486, 0.2794,
0.3045

27.3841, 0.4614,
0.3956

81.6087, 0.2782,
0.3131

■ 24.4089, 0.4924,
0.4005

■ 88.5497, 0.2792,
0.3253

■ 21.8312, 0.5221,
0.4010

■ 90.7462, 0.2794,
0.3289

■ 19.6293, 0.5482,
0.3962

■ 18.3159, 0.5638,
0.3905

Harmonies

Analogous

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



48.8513, 0.3342, 0.3341



48.8513, 0.3346, 0.3429



48.8513, 0.3291, 0.3482

Triad

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



48.8513, 0.3346, 0.3429



48.8513, 0.2977, 0.3337



48.8513, 0.3060, 0.3105

Complementary

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



48.8513, 0.3346, 0.3429



48.3873, 0.2925, 0.3147

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.



48.8513, 0.2964, 0.3101



48.8513, 0.3346, 0.3429



48.8513, 0.2917, 0.3233

Square

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



48.8513, 0.3346, 0.3429



48.8513, 0.3077, 0.3430



48.8513, 0.2913, 0.3147



48.8513, 0.3175, 0.3156

Rectangle

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



48.8513, 0.3346, 0.3429



48.8513, 0.3228, 0.3489



48.8513, 0.2913, 0.3147



48.8513, 0.3024, 0.3098

Sweetspot

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



48.8535, 0.3346, 0.3429



95.6640, 0.3190, 0.3332



45.1057, 0.3233, 0.3101



20.3051, 0.3203, 0.3340



0.0000, 0.0000, 0.0000



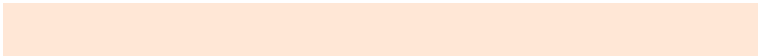
21.4041, 0.3127, 0.3290

Same Dimension

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



48.8535, 0.3346, 0.3429



83.5393, 0.3404, 0.3464



54.3907, 0.3325, 0.3585



11.3625, 0.3279, 0.3388



12.0726, 0.5615, 0.3924



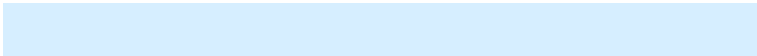
0.7144, 0.5248, 0.4215

Inverse Universe

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



48.3873, 0.2925, 0.3147



82.5396, 0.2876, 0.3110



43.1839, 0.2921, 0.2976



11.2863, 0.2983, 0.3190



10.6799, 0.1849, 0.1855



0.6470, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 48.8513, 0.3346, 0.3429 looks on a white background.

Color Contrast Check

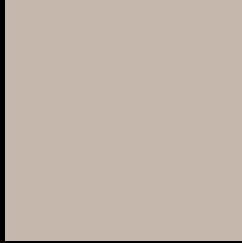
Large Text (above 18pt) WCAG AA × Fail

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 48.8513, 0.3346, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

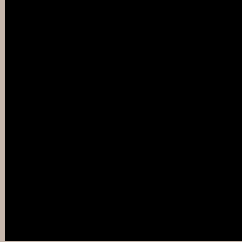
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

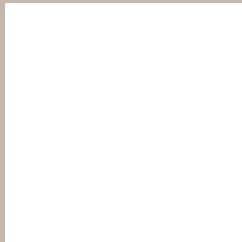
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8513, 0.3346, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 48.8513, 0.3346, 0.3429.



This preview shows how white text looks on a background with the Yxy color 48.8513, 0.3346, 0.3429.

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

48.8513, 0.3346, 0.3429

Protanopia

48.9215, 0.3282, 0.3443

Deuteranopia

48.6672, 0.3434, 0.3364



Tritanopia

48.9551, 0.3195, 0.3119

Trichromacy



Original Color

48.8513, 0.3346, 0.3429

Protanomaly

48.7674, 0.3301, 0.3430

Deuteranomaly

48.4970, 0.3396, 0.3377

Tritanomaly

48.8723, 0.3251, 0.3229

Monochromacy



Original Color

48.8513, 0.3346, 0.3429

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9813, 0.3201, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8513, 0.3346, 0.3429 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(198, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 172)  
}
```

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(198, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 172) }
```

Border

The CSS property to change the border of an element to Yxy 48.8513, 0.3346, 0.3429 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(198, 183, 172) }
```

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

```
.border{ border-color:rgb(198, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8513, 0.3346, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 172) }
```

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

```
.background{ background-color: rgb(198,  
183, 172) }
```

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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