

Converting Colors

Yxy(47.9419, 0.3387, 0.3508)

Have a look what the booklet for
Yxy(47.9419, 0.3387, 0.3508)
contains.

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Color

Yxy(47.9083, 0.3388, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	C4B6A5
RGB	196, 182, 165
RGB Percent	77%, 71%, 65%
CMY	0.2314, 0.2862, 0.3528
CMYK	0.00, 0.07, 0.16, 0.23
HSL	33°, 21%, 71%
HSV	33°, 16%, 77%
XYZ	46.2827, 47.9083, 42.4167
YIQ	184.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

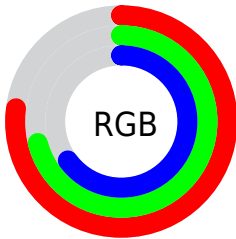
Format	Color
R_{YB}	191, 196, 165
Decimal	12891813
CIE _{Lab}	74.77, 2.13, 10.43
CIE _{LCh}	75, 10.642, 78.462
Yxy	47.9083, 0.3388, 0.3507
Android (android.graphics.Color)	4291081893 (0xFFC4B6A5)
YUV	184.2480, -9.4893, 10.3065
Hunter-Lab	69.2158, -1.7698, 12.1171

Details

The Yxy color $47.9083, 0.3388, 0.3507$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.2266, 0.2881, 0.3063$, and the grayscale version is $48.1255, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1990, 0.3342, 0.3470$, and $22.6436, 0.3464, 0.3568$ is the 20% darker color. If you saturate the color by 10%, you get $43.7404, 0.3580, 0.3652$, and if you desaturate by 10%, it is $52.4188, 0.3217, 0.3367$.

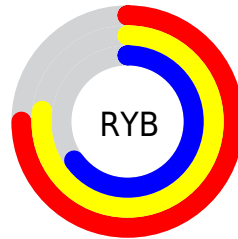
Distribution



Red (77%)

Green (71%)

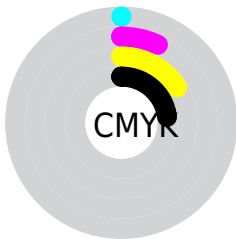
Blue (65%)



Red (75%)

Yellow (77%)

Blue (65%)

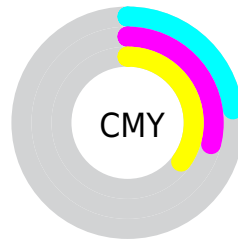


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9083, 0.3388, 0.3507 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 47.9083, 0.3388, 0.3507 by changing the saturation by 10% instead.


 47.9083, 0.3388,
0.3507

 47.9083, 0.3388,
0.3507


378.4285, 0.3258,
0.3400

 33.7543, 0.3420,
0.3533


 87.0679, 0.3341,
0.3468

 22.7049, 0.3462,
0.3567


 112.8422, 0.3323,
0.3454

 14.3758, 0.3517,
0.3612


143.2587, 0.3308,
0.3441

 8.3825, 0.3594,
0.3673

178.7019, 0.3295,
0.3431

 4.3406, 0.3707,
0.3762

219.5560, 0.3284,
0.3421

 1.8659, 0.3892,
0.3904

266.2056, 0.3274,

 0.5277, 0.5119,

0.3413

0.4881

319.0350, 0.3266,
0.3406

0.0000, 0.0000,
0.0000

47.9083, 0.3388,
0.3507

47.9083, 0.3388,
0.3507

43.7404, 0.3580,
0.3652

52.4188, 0.3217,
0.3367

39.8995, 0.3794,
0.3799

57.2742, 0.3066,
0.3236

36.3781, 0.4027,
0.3941

62.4849, 0.2934,
0.3113

33.1659, 0.4274,
0.4069

68.0591, 0.2817,
0.3000

30.2520, 0.4528,
0.4172

73.4773, 0.2759,
0.2978

■ 27.6243, 0.4775,
0.4238

■ 78.4201, 0.2767,
0.3075

■ 25.2696, 0.5002,
0.4257

■ 83.6150, 0.2774,
0.3171

■ 23.1722, 0.5195,
0.4221

■ 89.0653, 0.2782,
0.3266

■ 22.3571, 0.5270,
0.4197

■ 90.4734, 0.2784,
0.3289

Harmonies

Analogous

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



47.9083, 0.3418, 0.3409



47.9083, 0.3388, 0.3507



47.9083, 0.3287, 0.3549

Triad

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



47.9083, 0.3388, 0.3507



47.9083, 0.2891, 0.3290



47.9083, 0.3104, 0.3074

Complementary

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



47.9083, 0.3388, 0.3507



44.2266, 0.2881, 0.3063

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.



47.9083, 0.2965, 0.3041



47.9083, 0.3388, 0.3507



47.9083, 0.2845, 0.3161

Square

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



47.9083, 0.3388, 0.3507



47.9083, 0.3000, 0.3423



47.9083, 0.2871, 0.3071



47.9083, 0.3252, 0.3162

Rectangle

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



47.9083, 0.3388, 0.3507



47.9083, 0.3194, 0.3537



47.9083, 0.2871, 0.3071



47.9083, 0.3055, 0.3056

Sweetspot

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



47.9104, 0.3388, 0.3507



95.5886, 0.3205, 0.3358



41.9267, 0.3290, 0.3106



20.3300, 0.3217, 0.3367



0.0000, 0.0000, 0.0000



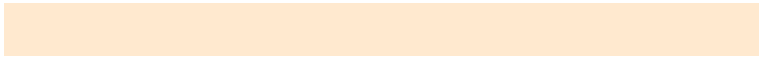
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9104, 0.3388, 0.3507



84.0946, 0.3453, 0.3557



53.7850, 0.3353, 0.3678



10.9732, 0.3276, 0.3416



14.5423, 0.5251, 0.4212



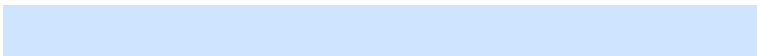
0.7645, 0.4954, 0.4449

Inverse Universe

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



44.2266, 0.2881, 0.3063



76.1388, 0.2825, 0.3007



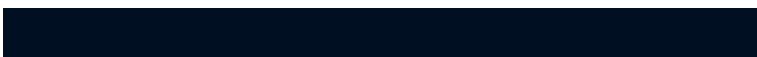
39.0174, 0.2882, 0.2872



10.4800, 0.2984, 0.3160



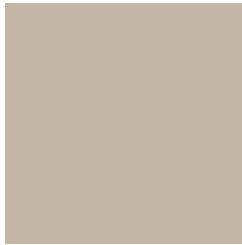
7.2626, 0.1733, 0.1438



0.4513, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 47.9083, 0.3388, 0.3507 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 47.9083, 0.3388, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

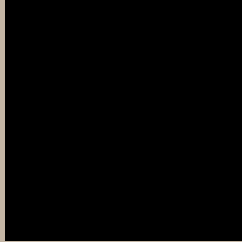
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

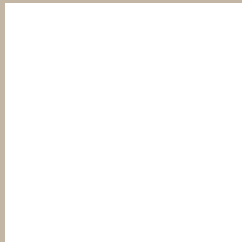
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9083, 0.3388, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 47.9083, 0.3388, 0.3507.



This preview shows how white text looks on a background with the Yxy color 47.9083, 0.3388, 0.3507.

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

47.9083, 0.3388, 0.3507

Protanopia

47.8266, 0.3343, 0.3509

Deuteranopia

47.6074, 0.3499, 0.3427



Tritanopia

47.9259, 0.3204, 0.3118

Trichromacy



Original Color

47.9083, 0.3388, 0.3507

Protanomaly

47.9576, 0.3351, 0.3509

Deuteranomaly

47.8307, 0.3458, 0.3453

Tritanomaly

47.7597, 0.3277, 0.3253

Monochromacy



Original Color

47.9083, 0.3388, 0.3507

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7327, 0.3218, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9083, 0.3388, 0.3507 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(196, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 182, 165)  
}
```

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(196, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 182, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.9083, 0.3388, 0.3507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

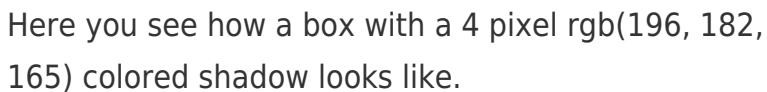
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 182, 165) }
```

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

```
.border{ border-color:rgb(196, 182, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 182,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9083, 0.3388, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 182, 165) }
```

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

```
.background{ background-color: rgb(196,  
182, 165) }
```

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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