

Converting Colors

$Yxy(47.2340, 0.3413, 0.3423)$

Have a look what the booklet for
Yxy(47.2340, 0.3413, 0.3423)
contains.

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Color

Yxy(47.0854, 0.3416, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	C9B2A8
RGB	201, 178, 168
RGB Percent	79%, 70%, 66%
CMY	0.2118, 0.3019, 0.3413
CMYK	0.00, 0.11, 0.16, 0.21
HSL	18°, 23%, 72%
HSV	18°, 16%, 79%
XYZ	47.0716, 47.0854, 43.6405
YIQ	183.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

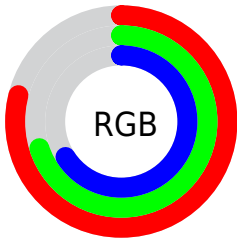
Format	Color
R _Y B	201, 182, 168
Decimal	13218472
CIE Lab	74.24, 6.60, 8.13
CIE LCh	74, 10.478, 50.927
Yxy	47.0854, 0.3416, 0.3417
Android (android.graphics.Color)	4291408552 (0xFFC9B2A8)
YUV	183.7370, -7.7583, 15.1397
Hunter-Lab	68.6188, 2.3658, 10.3257

Details

The Yxy color **47.0854, 0.3416, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7805, 0.2875, 0.3159**, and the grayscale version is **47.8164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4334, 0.3342, 0.3400**, and **22.1312, 0.3504, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **41.1089, 0.3635, 0.3500**, and if you desaturate by 10%, it is **53.7496, 0.3231, 0.3338**.

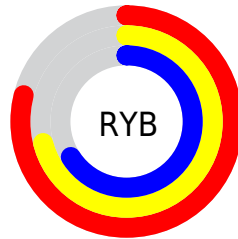
Distribution



Red (79%)

Green (70%)

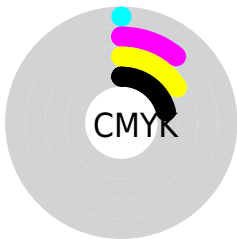
Blue (66%)



Red (79%)

Yellow (71%)

Blue (66%)

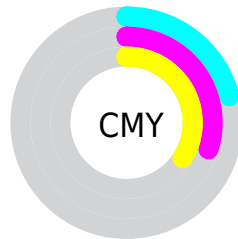


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (21%)



Cyan (21%)

Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0854, 0.3416, 0.3417 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 47.0854, 0.3416, 0.3417 by changing the saturation by 10% instead.


 47.0854, 0.3416,
0.3417


 47.0854, 0.3416,
0.3417


375.1553, 0.3271,
0.3355

 33.1032, 0.3452,
0.3432


 85.8411, 0.3363,
0.3395

 22.2055, 0.3499,
0.3451


 111.3833, 0.3343,
0.3387

 14.0080, 0.3562,
0.3475


141.5477, 0.3327,
0.3379

 8.1262, 0.3649,
0.3509

176.7186, 0.3312,
0.3373

 4.1758, 0.3781,
0.3556

217.2804, 0.3300,
0.3368

 1.7724, 0.3998,
0.3627

263.6175, 0.3289,

 0.4699, 0.5640,

0.3363

0.4360

316.1144, 0.3280,
0.3359

0.0000, 0.0000,
0.0000

47.0854, 0.3416,
0.3417

47.0854, 0.3416,
0.3417

41.1089, 0.3635,
0.3500

53.7496, 0.3231,
0.3338

35.7917, 0.3893,
0.3584

61.1165, 0.3074,
0.3264

31.1123, 0.4190,
0.3664

69.2082, 0.2943,
0.3196

27.0459, 0.4525,
0.3732

78.0444, 0.2831,
0.3134

23.5657, 0.4887,
0.3778

86.7452, 0.2805,
0.3215

■ 20.6431, 0.5254,
0.3790

■ 91.1562, 0.2811,
0.3289

■ 18.2463, 0.5594,
0.3758

■ 16.3395, 0.5873,
0.3680

■ 15.7639, 0.5962,
0.3648

Harmonies

Analogous

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



47.0854, 0.3373, 0.3294



47.0854, 0.3416, 0.3417



47.0854, 0.3380, 0.3511

Triad

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



47.0854, 0.3416, 0.3417



47.0854, 0.2991, 0.3412



47.0854, 0.2977, 0.3044

Complementary

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



47.0854, 0.3416, 0.3417



49.7805, 0.2875, 0.3159

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.



47.0854, 0.2879, 0.3068



47.0854, 0.3416, 0.3417



47.0854, 0.2887, 0.3279

Square

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



47.0854, 0.3416, 0.3417



47.0854, 0.3132, 0.3511



47.0854, 0.2847, 0.3153



47.0854, 0.3117, 0.3082

Rectangle

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



47.0854, 0.3416, 0.3417



47.0854, 0.3316, 0.3543



47.0854, 0.2847, 0.3153



47.0854, 0.2938, 0.3045

Sweetspot

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



47.0875, 0.3416, 0.3417



93.6738, 0.3208, 0.3328



44.1776, 0.3230, 0.3005



19.8651, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



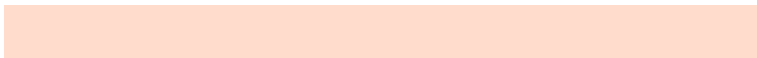
21.4041, 0.3127, 0.3290

Same Dimension

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



47.0875, 0.3416, 0.3417



76.5453, 0.3496, 0.3449



53.9986, 0.3384, 0.3616



11.1539, 0.3282, 0.3361



10.0555, 0.5936, 0.3669



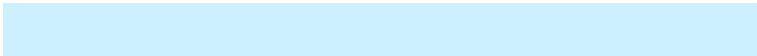
0.6057, 0.5517, 0.4001

Inverse Universe

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



49.7805, 0.2875, 0.3159



82.0820, 0.2817, 0.3126



43.0347, 0.2866, 0.2941



11.5023, 0.2984, 0.3218



14.5942, 0.1966, 0.2277



0.8143, 0.2032, 0.2513

Previews

White Background



This preview shows how the Yxy color 47.0854, 0.3416, 0.3417 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 47.0854, 0.3416, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

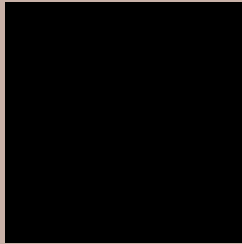
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0854, 0.3416, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 47.0854, 0.3416, 0.3417.



This preview shows how white text looks on a background with the Yxy color 47.0854, 0.3416, 0.3417.

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

47.0854, 0.3416, 0.3417

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

46.9996, 0.3466, 0.3390



Tritanopia

47.1714, 0.3268, 0.3119

Trichromacy



Original Color

47.0854, 0.3416, 0.3417

Protanomaly

47.2498, 0.3330, 0.3444

Deuteranomaly

47.1088, 0.3445, 0.3403

Tritanomaly

47.0834, 0.3326, 0.3229

Monochromacy



Original Color

47.0854, 0.3416, 0.3417

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6174, 0.3228, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0854, 0.3416, 0.3417 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(201, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 178, 168)  
}
```

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(201, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 178, 168) }
```

Border

The CSS property to change the border of an element to Yxy 47.0854, 0.3416, 0.3417 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(201, 178, 168) }
```

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

```
.border{ border-color:rgb(201, 178, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 178,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0854, 0.3416, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 178, 168) }
```

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

```
.background{ background-color: rgb(201,  
178, 168) }
```

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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