

Converting Colors

$Yxy(46.8654, 0.3273, 0.3211)$

Have a look what the booklet for
Yxy(46.8654, 0.3273, 0.3211)
contains.

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Color

Yxy(47.0053, 0.3271, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	C7B1B7
RGB	199, 177, 183
RGB Percent	78%, 69%, 72%
CMY	0.2199, 0.3058, 0.2824
CMYK	0.00, 0.11, 0.08, 0.22
HSL	344°, 16%, 74%
HSV	344°, 11%, 78%
XYZ	47.8092, 47.0053, 51.3463
YIQ	184.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

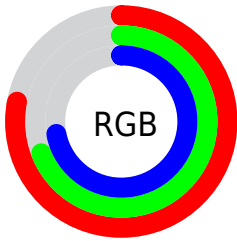
Format	Color
R _Y B	199, 177, 183
Decimal	13087159
CIE Lab	74.19, 8.88, -0.17
CIE LCh	74, 8.882, 358.920
Yxy	47.0053, 0.3271, 0.3216
Android (android.graphics.Color)	4291277239 (0xFFC7B1B7)
YUV	184.2620, -0.6222, 12.9252
Hunter-Lab	68.5604, 4.4926, 3.5888

Details

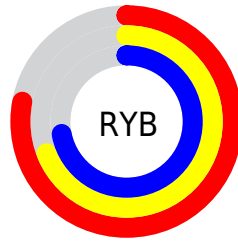
The Yxy color $47.0053, 0.3271, 0.3216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.0180, 0.3001, 0.3365$, and the grayscale version is $48.0812, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.7698, 0.3239, 0.3232$, and $22.0468, 0.3315, 0.3189$ is the 20% darker color. If you saturate the color by 10%, you get $39.1391, 0.3433, 0.3145$, and if you desaturate by 10%, it is $56.0834, 0.3139, 0.3283$.

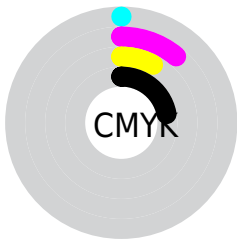
Distribution



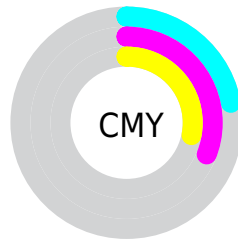
- Red (78%)
- Green (69%)
- Blue (72%)



- Red (78%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (22%)




- Cyan (22%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0053, 0.3271, 0.3216 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 47.0053, 0.3271, 0.3216 by changing the saturation by 10% instead.


 47.0053, 0.3271,
0.3216

 47.0053, 0.3271,
0.3216

374.8357, 0.3199,
0.3253

 33.0398, 0.3289,
0.3207


 85.7215, 0.3245,
0.3229

 22.1570, 0.3312,
0.3195


111.2411, 0.3235,
0.3235

 13.9723, 0.3343,
0.3179


141.3808, 0.3227,
0.3239

 8.1014, 0.3386,
0.3157

176.5251, 0.3220,
0.3242

 4.1599, 0.3450,
0.3124

217.0583, 0.3214,
0.3246

 1.7634, 0.3556,
0.3069

263.3649, 0.3208,

 0.4642, 0.4014,

0.3248

0.2832

315.8292, 0.3203,
0.3251

0.0000, 0.0000,
0.0000

47.0053, 0.3271,
0.3216

47.0053, 0.3271,
0.3216

39.1391, 0.3433,
0.3145

56.0834, 0.3139,
0.3283

32.4273, 0.3632,
0.3071

66.4153, 0.3032,
0.3346

26.8172, 0.3873,
0.2998

78.0485, 0.2944,
0.3403

22.2492, 0.4160,
0.2933

89.9994, 0.2872,
0.3439

18.6585, 0.4492,
0.2883

90.8736, 0.2799,
0.3289

■ 15.9725, 0.4860,
0.2859

■ 14.1087, 0.5239,
0.2873

■ 12.9692, 0.5595,
0.2930

■ 12.4012, 0.5871,
0.3008

Harmonies

Analogous

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



47.0053, 0.3153, 0.3130



47.0053, 0.3271, 0.3216



47.0053, 0.3351, 0.3323

Triad

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



47.0053, 0.3271, 0.3216



47.0053, 0.3222, 0.3505



47.0053, 0.2890, 0.3151

Complementary

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



47.0053, 0.3271, 0.3216



54.0180, 0.3001, 0.3365

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.



47.0053, 0.2908, 0.3251



47.0053, 0.3271, 0.3216



47.0053, 0.3098, 0.3459

Square

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



47.0053, 0.3271, 0.3216



47.0053, 0.3322, 0.3491



47.0053, 0.2984, 0.3365



47.0053, 0.2934, 0.3091

Rectangle

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



47.0053, 0.3271, 0.3216



47.0053, 0.3371, 0.3392



47.0053, 0.2984, 0.3365



47.0053, 0.2889, 0.3181

Sweetspot

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



47.0074, 0.3271, 0.3216



94.8623, 0.3164, 0.3270



46.8779, 0.3087, 0.3018



20.0179, 0.3174, 0.3265



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.



47.0074, 0.3271, 0.3216



79.1851, 0.3304, 0.3201



48.6729, 0.3314, 0.3350



10.6836, 0.3248, 0.3227



7.9926, 0.5836, 0.2989



0.3910, 0.5222, 0.2651

Inverse Universe

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



47.0074, 0.3271, 0.3216



79.1851, 0.3304, 0.3201



52.1396, 0.2959, 0.3229



10.6836, 0.3248, 0.3227



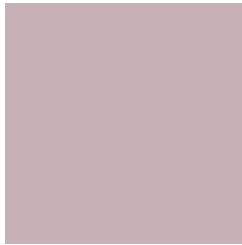
7.9926, 0.5836, 0.2989



0.3910, 0.5222, 0.2651

Previews

White Background



This preview shows how the Yxy color 47.0053, 0.3271, 0.3216 looks on a white background.

Color Contrast Check

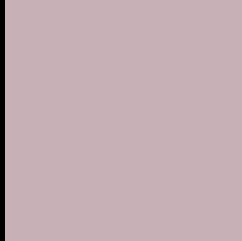
Large Text (above 18pt) WCAG AA × Fail

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 47.0053, 0.3271, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

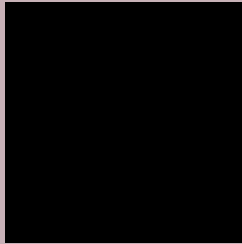
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0053, 0.3271, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 47.0053, 0.3271, 0.3216.



This preview shows how white text looks on a background with the Yxy color 47.0053, 0.3271, 0.3216.

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

47.0053, 0.3271, 0.3216

Protanopia

47.3154, 0.3121, 0.3239

Deuteranopia

47.1425, 0.3280, 0.3216



Tritanopia

47.0477, 0.3223, 0.3117

Trichromacy



Original Color

47.0053, 0.3271, 0.3216

Protanomaly

47.0924, 0.3173, 0.3227

Deuteranomaly

47.1425, 0.3280, 0.3216

Tritanomaly

46.9179, 0.3248, 0.3154

Monochromacy



Original Color

47.0053, 0.3271, 0.3216

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3273, 0.3172, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0053, 0.3271, 0.3216 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, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 183)  
}
```

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, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.0053, 0.3271, 0.3216 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, 177, 183) }
```

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

```
.border{ border-color:rgb(199, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0053, 0.3271, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 183) }
```

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

```
.background{ background-color: rgb(199,  
177, 183) }
```

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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