

Converting Colors

$Yxy(47.4911, 0.3325, 0.3338)$

Have a look what the booklet for
Yxy(47.4911, 0.3325, 0.3338)
contains.

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Color

Yxy(47.3411, 0.3327, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3AF
RGB	198, 179, 175
RGB Percent	78%, 70%, 69%
CMY	0.2236, 0.2980, 0.3137
CMYK	0.00, 0.10, 0.12, 0.22
HSL	10°, 17%, 73%
HSV	10°, 12%, 78%
XYZ	47.1427, 47.3411, 47.2136
YIQ	184.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

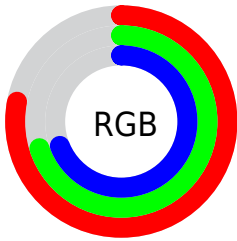
Format	Color
RYB	198, 180, 175
Decimal	13022127
CIELab	74.41, 6.10, 4.50
CIELCh	74, 7.578, 36.390
Yxy	47.3411, 0.3327, 0.3341
Android (android.graphics.Color)	4291212207 (0xFFC6B3AF)
YUV	184.2250, -4.5479, 12.0807
Hunter-Lab	68.8049, 1.8935, 7.4789

Details

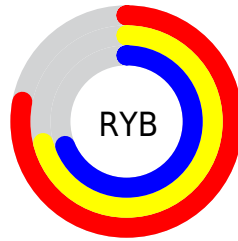
The Yxy color $47.3411, 0.3327, 0.3341$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.7629, 0.2950, 0.3238$, and the grayscale version is $48.0839, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3898, 0.3295, 0.3340$, and $22.2811, 0.3380, 0.3342$ is the 20% darker color. If you saturate the color by 10%, you get $40.4521, 0.3539, 0.3388$, and if you desaturate by 10%, it is $55.1251, 0.3152, 0.3297$.

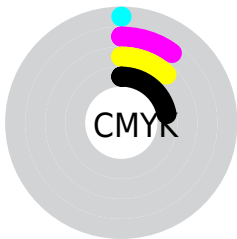
Distribution



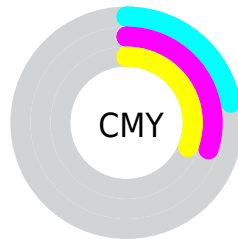
- Red (78%)
- Green (70%)
- Blue (69%)



- Red (78%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3411, 0.3327, 0.3341 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 47.3411, 0.3327, 0.3341 by changing the saturation by 10% instead.


 47.3411, 0.3327,
0.3341

 47.3411, 0.3327,
0.3341


376.1744, 0.3227,
0.3316

 33.3054, 0.3352,
0.3347


 86.2226, 0.3291,
0.3332

 22.3605, 0.3384,
0.3354


111.8371, 0.3277,
0.3329

 14.1220, 0.3427,
0.3364


142.0800, 0.3265,
0.3326

 8.2056, 0.3488,
0.3377

177.3357, 0.3255,
0.3324

 4.2268, 0.3578,
0.3395

217.9886, 0.3247,
0.3321

 1.8012, 0.3729,
0.3423

264.4231, 0.3239,

 0.4879, 0.4650,

0.3320

0.3703

317.0236, 0.3233,
0.3318

0.0000, 0.0000,
0.0000

47.3411, 0.3327,
0.3341

47.3411, 0.3327,
0.3341

40.4521, 0.3539,
0.3388

55.1251, 0.3152,
0.3297

34.4199, 0.3796,
0.3437

63.8282, 0.3008,
0.3256

29.2127, 0.4102,
0.3485

73.4814, 0.2889,
0.3219

24.7944, 0.4460,
0.3526

84.1123, 0.2790,
0.3185

21.1260, 0.4863,
0.3556

90.7428, 0.2794,
0.3289

■ 18.1654, 0.5286,
0.3565

■ 15.8661, 0.5691,
0.3544

■ 14.1757, 0.6024,
0.3493

■ 13.1765, 0.6227,
0.3438

Harmonies

Analogous

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



47.3411, 0.3271, 0.3249



47.3411, 0.3327, 0.3341



47.3411, 0.3329, 0.3422

Triad

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



47.3411, 0.3327, 0.3341



47.3411, 0.3077, 0.3416



47.3411, 0.2979, 0.3114

Complementary

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



47.3411, 0.3327, 0.3341



51.7629, 0.2950, 0.3238

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.



47.3411, 0.2929, 0.3155



47.3411, 0.3327, 0.3341



47.3411, 0.2985, 0.3330

Square

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



47.3411, 0.3327, 0.3341



47.3411, 0.3183, 0.3468



47.3411, 0.2932, 0.3234



47.3411, 0.3069, 0.3120

Rectangle

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



47.3411, 0.3327, 0.3341



47.3411, 0.3299, 0.3458



47.3411, 0.2932, 0.3234



47.3411, 0.2957, 0.3123

Sweetspot

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



47.3432, 0.3327, 0.3341



95.5530, 0.3175, 0.3303



46.5674, 0.3172, 0.3054



20.2033, 0.3189, 0.3306



0.0000, 0.0000, 0.0000



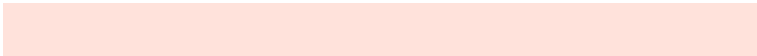
21.4041, 0.3127, 0.3290

Same Dimension

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



47.3432, 0.3327, 0.3341



80.5243, 0.3378, 0.3353



52.0645, 0.3310, 0.3481



10.9309, 0.3285, 0.3331



8.6597, 0.6208, 0.3453



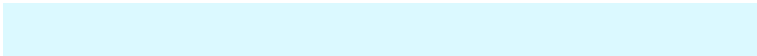
0.5048, 0.5832, 0.3752

Inverse Universe

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



51.7629, 0.2950, 0.3238



89.9399, 0.2911, 0.3226



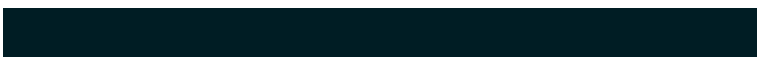
46.9197, 0.2948, 0.3092



11.7408, 0.2984, 0.3249



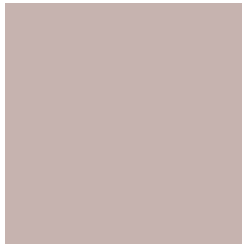
19.9096, 0.2092, 0.2729



1.0278, 0.2127, 0.2858

Previews

White Background



This preview shows how the Yxy color 47.3411, 0.3327, 0.3341 looks on a white background.

Color Contrast Check

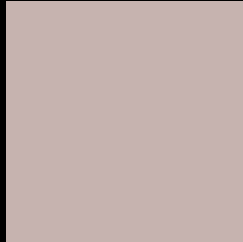
Large Text (above 18pt) WCAG AA × Fail

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 47.3411, 0.3327, 0.3341 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 47.3411, 0.3327, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 47.3411, 0.3327, 0.3341.



This preview shows how white text looks on a background with the Yxy color 47.3411, 0.3327, 0.3341.

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

47.3411, 0.3327, 0.3341

Protanopia

47.3216, 0.3219, 0.3355

Deuteranopia

47.3768, 0.3385, 0.3316



Tritanopia

47.4413, 0.3222, 0.3130

Trichromacy



Original Color

47.3411, 0.3327, 0.3341

Protanomaly

47.3888, 0.3263, 0.3354

Deuteranomaly

47.4925, 0.3365, 0.3328

Tritanomaly

47.4857, 0.3254, 0.3203

Monochromacy



Original Color

47.3411, 0.3327, 0.3341

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6109, 0.3195, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3411, 0.3327, 0.3341 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, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 175)  
}
```

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, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.3411, 0.3327, 0.3341 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, 179, 175) }
```

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

```
.border{ border-color:rgb(198, 179, 175) }
```

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

Here you see how a box with a 4 pixel rgb(198, 179, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3411, 0.3327, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 175) }
```

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

```
.background{ background-color: rgb(198,  
179, 175) }
```

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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