

Converting Colors

$Yxy(47.4953, 0.3160, 0.3108)$

Have a look what the booklet for
Yxy(47.4953, 0.3160, 0.3108)
contains.

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Color

Yxy(47.4268, 0.3162, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	C4B2C1
RGB	196, 178, 193
RGB Percent	77%, 70%, 76%
CMY	0.2313, 0.3020, 0.2432
CMYK	0.00, 0.09, 0.02, 0.23
HSL	310°, 13%, 73%
HSV	310°, 9%, 77%
XYZ	48.3130, 47.4268, 57.0527
YIQ	185.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

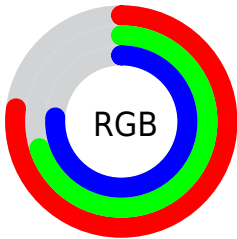
Format	Color
R _Y B	196, 178, 193
Decimal	12890817
CIE Lab	74.46, 9.11, -5.27
CIE LCh	74, 10.527, 329.963
Yxy	47.4268, 0.3162, 0.3104
Android (android.graphics.Color)	4291080897 (0xFFC4B2C1)
YUV	185.0920, 3.8986, 9.5663
Hunter-Lab	68.8671, 4.7073, -0.9116

Details

The Yxy color $47.4268, 0.3162, 0.3104$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.2901, 0.3094, 0.3483$, and the grayscale version is $48.5468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5678, 0.3161, 0.3144$, and $22.3115, 0.3163, 0.3039$ is the 20% darker color. If you saturate the color by 10%, you get $40.0324, 0.3205, 0.2895$, and if you desaturate by 10%, it is $55.9431, 0.3124, 0.3306$.

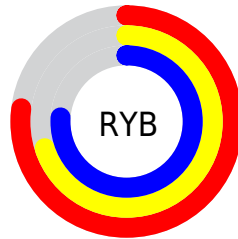
Distribution



Red (77%)

Green (70%)

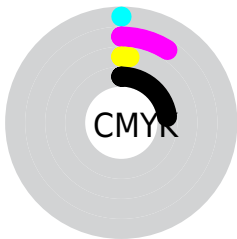
Blue (76%)



Red (77%)

Yellow (70%)

Blue (76%)

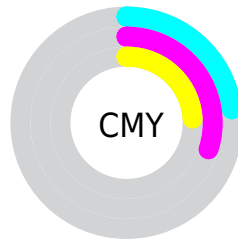


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4268, 0.3162, 0.3104 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 47.4268, 0.3162, 0.3104 by changing the saturation by 10% instead.


 47.4268, 0.3162,
0.3104

 47.4268, 0.3162,
0.3104


376.5156, 0.3145,
0.3196

 33.3732, 0.3166,
0.3082


 86.3504, 0.3156,
0.3137

 22.4125, 0.3171,
0.3053


111.9891, 0.3154,
0.3149

 14.1603, 0.3178,
0.3016


142.2583, 0.3152,
0.3160

 8.2322, 0.3186,
0.2964

177.5424, 0.3150,
0.3169

 4.2439, 0.3199,
0.2888

218.2258, 0.3149,
0.3177

 1.8109, 0.3217,
0.2768

264.6928, 0.3147,

 0.4940, 0.3307,

0.3184

0.2361

317.3280, 0.3146,
0.3190

0.0000, 0.0000,
0.0000

47.4268, 0.3162,
0.3104

47.4268, 0.3162,
0.3104

40.0324, 0.3205,
0.2895

55.9431, 0.3124,
0.3306

33.7068, 0.3254,
0.2683

65.6195, 0.3092,
0.3497

28.4015, 0.3309,
0.2476

76.4998, 0.3064,
0.3676

24.0622, 0.3368,
0.2283

87.7225, 0.3041,
0.3828

20.6292, 0.3431,
0.2111

87.8846, 0.3023,
0.3790

■ 18.0364, 0.3496,
0.1972

■ 88.0500, 0.3005,
0.3753

■ 16.2088, 0.3561,
0.1874

■ 88.2188, 0.2987,
0.3715

■ 15.0576, 0.3623,
0.1820

■ 88.3910, 0.2970,
0.3678

■ 14.4288, 0.3683,
0.1806

■ 88.5666, 0.2952,
0.3641

Harmonies

Analogous

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



47.4268, 0.3016, 0.3048



47.4268, 0.3162, 0.3104



47.4268, 0.3301, 0.3207

Triad

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



47.4268, 0.3162, 0.3104



47.4268, 0.3355, 0.3529



47.4268, 0.2867, 0.3238

Complementary

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



47.4268, 0.3162, 0.3104



52.2901, 0.3094, 0.3483

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.



47.4268, 0.2954, 0.3374



47.4268, 0.3162, 0.3104



47.4268, 0.3234, 0.3544

Square

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



47.4268, 0.3162, 0.3104



47.4268, 0.3414, 0.3450



47.4268, 0.3088, 0.3487



47.4268, 0.2848, 0.3122

Rectangle

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



47.4268, 0.3162, 0.3104



47.4268, 0.3371, 0.3290



47.4268, 0.3088, 0.3487



47.4268, 0.2889, 0.3283

Sweetspot

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



47.4289, 0.3162, 0.3104



95.1332, 0.3138, 0.3229



45.6515, 0.3011, 0.3058



20.0910, 0.3141, 0.3213



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.



47.4289, 0.3162, 0.3104



83.0908, 0.3170, 0.3063



47.0401, 0.3236, 0.3215



10.2175, 0.3163, 0.3101



9.2521, 0.3680, 0.1801



0.4076, 0.3558, 0.1734

Inverse Universe

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



47.4289, 0.3162, 0.3104



83.0908, 0.3170, 0.3063



52.6710, 0.3029, 0.3366



10.2175, 0.3163, 0.3101



9.2521, 0.3680, 0.1801



0.4076, 0.3558, 0.1734

Previews

White Background



This preview shows how the Yxy color 47.4268, 0.3162, 0.3104 looks on a white background.

Color Contrast Check

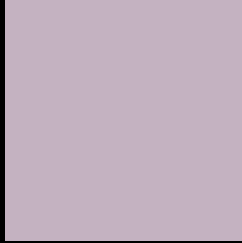
Large Text (above 18pt) WCAG AA × Fail

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 47.4268, 0.3162, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

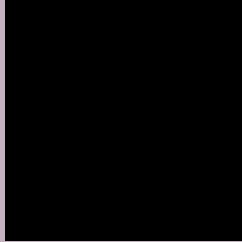
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4268, 0.3162, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 47.4268, 0.3162, 0.3104.



This preview shows how white text looks on a background with the Yxy color 47.4268, 0.3162, 0.3104.

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

47.4268, 0.3162, 0.3104

Protanopia

47.4633, 0.3035, 0.3124

Deuteranopia

47.5614, 0.3170, 0.3104



Tritanopia

47.3823, 0.3170, 0.3116

Trichromacy



Original Color

47.4268, 0.3162, 0.3104

Protanomaly

47.6342, 0.3084, 0.3126

Deuteranomaly

47.5614, 0.3170, 0.3104

Tritanomaly

47.3823, 0.3170, 0.3116

Monochromacy



Original Color

47.4268, 0.3162, 0.3104

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9056, 0.3139, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4268, 0.3162, 0.3104 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, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 193)  
}
```

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, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 193) }
```

Border

The CSS property to change the border of an element to Yxy 47.4268, 0.3162, 0.3104 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, 178, 193) }
```

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

```
.border{ border-color:rgb(196, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4268, 0.3162, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 193) }
```

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

```
.background{ background-color: rgb(196,  
178, 193) }
```

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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