

Converting Colors

$Yxy(47.1637, 0.3108, 0.3049)$

Have a look what the booklet for
Yxy(47.1637, 0.3108, 0.3049)
contains.

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Color

Yxy(47.3413, 0.3113, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	C2B2C5
RGB	194, 178, 197
RGB Percent	76%, 70%, 77%
CMY	0.2390, 0.3020, 0.2275
CMYK	0.01, 0.10, 0.00, 0.23
HSL	291°, 14%, 74%
HSV	291°, 10%, 77%
XYZ	48.2559, 47.3413, 59.4169
YIQ	184.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

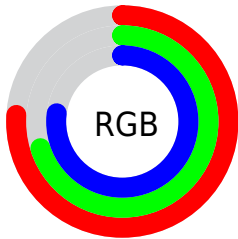
Format	Color
RYB	194, 178, 197
Decimal	12759749
CIELab	74.41, 9.19, -7.56
CIELCh	74, 11.901, 320.559
Yxy	47.3413, 0.3113, 0.3054
Android (android.graphics.Color)	4290949829 (0xFFC2B2C5)
YUV	184.9500, 5.9407, 7.9369
Hunter-Lab	68.8050, 4.7809, -3.0367

Details

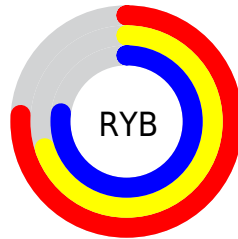
The Yxy color `47.3413, 0.3113, 0.3054` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.9624, 0.3139, 0.3534`, and the grayscale version is `48.4555, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.5106, 0.3116, 0.3095`, and `22.2259, 0.3106, 0.2988` is the 20% darker color. If you saturate the color by 10%, you get `39.6591, 0.3095, 0.2799`, and if you desaturate by 10%, it is `56.1616, 0.3128, 0.3298`.

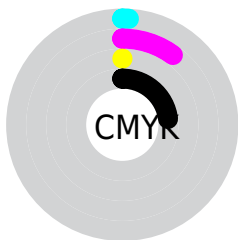
Distribution



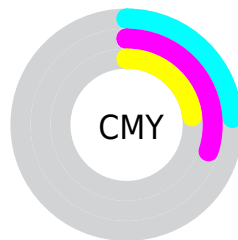
- Red (76%)
- Green (70%)
- Blue (77%)



- Red (76%)
- Yellow (70%)
- Blue (77%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3413, 0.3113, 0.3054 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 47.3413, 0.3113, 0.3054 by changing the saturation by 10% instead.

 47.3413, 0.3113,
0.3054

 47.3413, 0.3113,
0.3054


376.1752, 0.3121,
0.3170

 33.3055, 0.3111,
0.3026


 86.2229, 0.3116,
0.3096

 22.3606, 0.3108,
0.2990


111.8374, 0.3117,
0.3111

 14.1221, 0.3104,
0.2943


142.0804, 0.3118,
0.3125

 8.2056, 0.3097,
0.2878

177.3362, 0.3119,
0.3136

 4.2268, 0.3087,
0.2784

217.9892, 0.3119,
0.3146

 1.8012, 0.3069,
0.2634

264.4238, 0.3120,

 0.4879, 0.3073,

0.3155

0.2179

317.0243, 0.3120,
0.3163

0.0000, 0.0000,
0.0000

47.3413, 0.3113,
0.3054

47.3413, 0.3113,
0.3054

39.6591, 0.3095,
0.2799

56.1616, 0.3128,
0.3298

33.0611, 0.3072,
0.2541

66.1589, 0.3139,
0.3528

27.4982, 0.3045,
0.2285

77.3776, 0.3147,
0.3742

22.9149, 0.3014,
0.2043

88.7121, 0.3154,
0.3921

19.2506, 0.2979,
0.1823

89.1545, 0.3173,
0.3917

■ 16.4380, 0.2941,
0.1637

■ 89.6054, 0.3193,
0.3913

■ 14.4006, 0.2901,
0.1492

■ 90.0649, 0.3212,
0.3910

■ 13.0476, 0.2860,
0.1391

■ 90.5331, 0.3231,
0.3906

■ 12.2129, 0.2820,
0.1328

■ 91.0099, 0.3251,
0.3902

Harmonies

Analogous

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



47.3413, 0.2955, 0.3011



47.3413, 0.3113, 0.3054



47.3413, 0.3278, 0.3155

Triad

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



47.3413, 0.3113, 0.3054



47.3413, 0.3414, 0.3539



47.3413, 0.2857, 0.3279

Complementary

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



47.3413, 0.3113, 0.3054



52.9624, 0.3139, 0.3534

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.



47.3413, 0.2974, 0.3430



47.3413, 0.3113, 0.3054



47.3413, 0.3296, 0.3582

Square

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



47.3413, 0.3113, 0.3054



47.3413, 0.3455, 0.3431



47.3413, 0.3135, 0.3543



47.3413, 0.2810, 0.3136

Rectangle

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



47.3413, 0.3113, 0.3054



47.3413, 0.3370, 0.3244



47.3413, 0.3135, 0.3543



47.3413, 0.2889, 0.3330

Sweetspot

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



47.3433, 0.3113, 0.3054



94.9915, 0.3123, 0.3217



46.6063, 0.2979, 0.3086



20.0526, 0.3122, 0.3197



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.



47.3433, 0.3113, 0.3054



81.1175, 0.3109, 0.2990



47.4531, 0.3189, 0.3133



10.7301, 0.3113, 0.3061



8.0452, 0.2823, 0.1329



0.4040, 0.2909, 0.1376

Inverse Universe

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



47.0399, 0.3270, 0.3253



80.4519, 0.3312, 0.3243



52.8703, 0.3070, 0.3453



10.6633, 0.3266, 0.3254



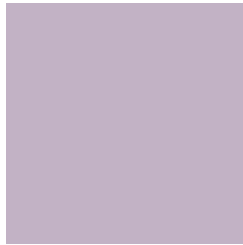
7.8792, 0.6166, 0.3170



0.3818, 0.5651, 0.2887

Previews

White Background



This preview shows how the Yxy color 47.3413, 0.3113, 0.3054 looks on a white background.

Color Contrast Check

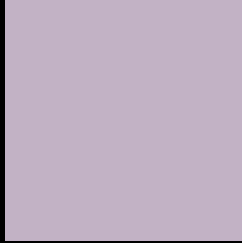
Large Text (above 18pt) WCAG AA × Fail

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 47.3413, 0.3113, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

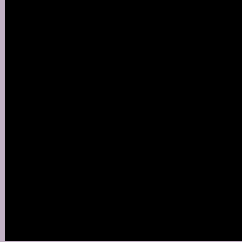
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3413, 0.3113, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 47.3413, 0.3113, 0.3054.



This preview shows how white text looks on a background with the Yxy color 47.3413, 0.3113, 0.3054.

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

47.3413, 0.3113, 0.3054

Protanopia

47.5245, 0.2996, 0.3074

Deuteranopia

47.3413, 0.3113, 0.3054



Tritanopia

47.4279, 0.3135, 0.3115

Trichromacy



Original Color

47.3413, 0.3113, 0.3054

Protanomaly

47.5641, 0.3037, 0.3075

Deuteranomaly

47.3413, 0.3113, 0.3054

Tritanomaly

47.4727, 0.3127, 0.3103

Monochromacy



Original Color

47.3413, 0.3113, 0.3054

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8214, 0.3123, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3413, 0.3113, 0.3054 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(194, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 197)  
}
```

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(194, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 197) }
```

Border

The CSS property to change the border of an element to Yxy 47.3413, 0.3113, 0.3054 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(194, 178, 197) }
```

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

```
.border{ border-color:rgb(194, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3413, 0.3113, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 197) }
```

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

```
.background{ background-color: rgb(194,  
178, 197) }
```

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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