

Converting Colors

$Y_{xy}(47.2829, 0.3218, 0.3228)$

Have a look what the booklet for
Yxy(47.2829, 0.3218, 0.3228)
contains.

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Color

Yxy(47.1702, 0.3217, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3B8
RGB	194, 179, 184
RGB Percent	76%, 70%, 72%
CMY	0.2391, 0.2980, 0.2784
CMYK	0.00, 0.08, 0.05, 0.24
HSL	340°, 11%, 73%
HSV	340°, 8%, 76%
XYZ	47.0240, 47.1702, 51.9793
YIQ	184.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

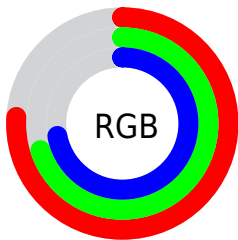
Format	Color
RYB	194, 179, 184
Decimal	12759992
CIELab	74.30, 6.24, -0.62
CIELCh	74, 6.268, 354.297
Yxy	47.1702, 0.3217, 0.3227
Android (android.graphics.Color)	4290950072 (0xFFC2B3B8)
YUV	184.0550, -0.0271, 8.7218
Hunter-Lab	68.6806, 2.0239, 3.2041

Details

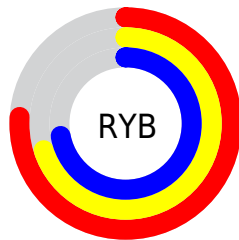
The Yxy color $47.1702, 0.3217, 0.3227$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.8494, 0.3045, 0.3354$, and the grayscale version is $47.9642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2172, 0.3203, 0.3241$, and $22.1359, 0.3239, 0.3205$ is the 20% darker color. If you saturate the color by 10%, you get $39.4171, 0.3356, 0.3141$, and if you desaturate by 10%, it is $56.0712, 0.3103, 0.3308$.

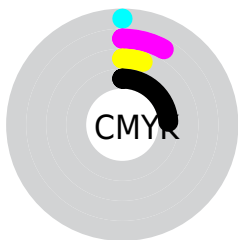
Distribution



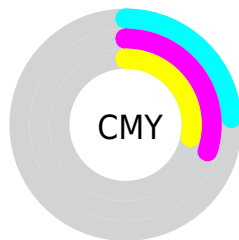
- Red (76%)
- Green (70%)
- Blue (72%)



- Red (76%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1702, 0.3217, 0.3227 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 47.1702, 0.3217, 0.3227 by changing the saturation by 10% instead.


 47.1702, 0.3217,
0.3227

 47.1702, 0.3217,
0.3227


375.4935, 0.3172,
0.3258

 33.1702, 0.3228,
0.3219


 85.9676, 0.3201,
0.3238

 22.2569, 0.3242,
0.3209


111.5339, 0.3195,
0.3243

 14.0458, 0.3262,
0.3196


141.7243, 0.3189,
0.3246

 8.1525, 0.3288,
0.3177

176.9234, 0.3185,
0.3249

 4.1927, 0.3328,
0.3150

217.5154, 0.3181,
0.3252

 1.7819, 0.3394,
0.3104

263.8848, 0.3178,

 0.4759, 0.3682,

0.3255

0.2898

316.4161, 0.3175,
0.3257

0.0000, 0.0000,
0.0000

47.1702, 0.3217,
0.3227

47.1702, 0.3217,
0.3227

39.4171, 0.3356,
0.3141

56.0712, 0.3103,
0.3308

32.7589, 0.3525,
0.3052

66.1580, 0.3011,
0.3382

27.1477, 0.3730,
0.2962

77.4742, 0.2935,
0.3451

22.5295, 0.3975,
0.2877

89.0313, 0.2871,
0.3497

18.8458, 0.4261,
0.2806

89.8088, 0.2805,
0.3356

■ 16.0313, 0.4583,
0.2759

■ 90.2117, 0.2773,
0.3289

■ 14.0127, 0.4926,
0.2748

■ 12.7043, 0.5268,
0.2783

■ 11.9803, 0.5580,
0.2865

Harmonies

Analogous

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



47.1702, 0.3132, 0.3169



47.1702, 0.3217, 0.3227



47.1702, 0.3279, 0.3302

Triad

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



47.1702, 0.3217, 0.3227



47.1702, 0.3207, 0.3442



47.1702, 0.2958, 0.3202

Complementary

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



47.1702, 0.3217, 0.3227



51.8494, 0.3045, 0.3354

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.



47.1702, 0.2978, 0.3275



47.1702, 0.3217, 0.3227



47.1702, 0.3121, 0.3416

Square

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



47.1702, 0.3217, 0.3227



47.1702, 0.3273, 0.3427



47.1702, 0.3037, 0.3354



47.1702, 0.2983, 0.3154

Rectangle

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



47.1702, 0.3217, 0.3227



47.1702, 0.3297, 0.3352



47.1702, 0.3037, 0.3354



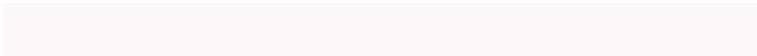
47.1702, 0.2960, 0.3224

Sweetspot

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



47.1723, 0.3217, 0.3227



94.3916, 0.3149, 0.3274



46.9235, 0.3091, 0.3100



20.7063, 0.3148, 0.3275



0.0000, 0.0000, 0.0000



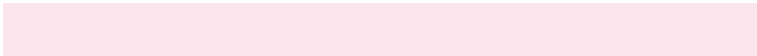
21.4041, 0.3127, 0.3290

Same Dimension

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



47.1723, 0.3217, 0.3227



83.3555, 0.3235, 0.3215



47.8762, 0.3256, 0.3319



10.1321, 0.3238, 0.3213



7.8036, 0.5613, 0.2866



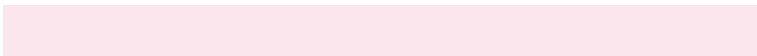
0.3501, 0.4975, 0.2514

Inverse Universe

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



47.1723, 0.3217, 0.3227



83.3555, 0.3235, 0.3215



51.0755, 0.3009, 0.3261



10.1321, 0.3238, 0.3213



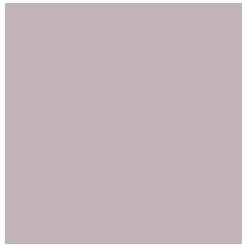
7.8036, 0.5613, 0.2866



0.3501, 0.4975, 0.2514

Previews

White Background



This preview shows how the Yxy color 47.1702, 0.3217, 0.3227 looks on a white background.

Color Contrast Check

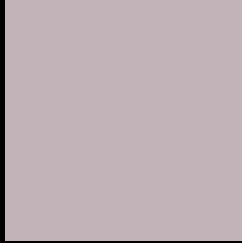
Large Text (above 18pt) WCAG AA × Fail

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 47.1702, 0.3217, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

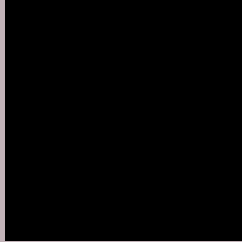
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1702, 0.3217, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 47.1702, 0.3217, 0.3227.



This preview shows how white text looks on a background with the Yxy color 47.1702, 0.3217, 0.3227.

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

47.1702, 0.3217, 0.3227

Protanopia

47.3154, 0.3121, 0.3239

Deuteranopia

47.1843, 0.3272, 0.3203



Tritanopia

47.2487, 0.3161, 0.3116

Trichromacy



Original Color

47.1702, 0.3217, 0.3227

Protanomaly

47.2419, 0.3155, 0.3239

Deuteranomaly

47.3072, 0.3253, 0.3215

Tritanomaly

47.1170, 0.3186, 0.3153

Monochromacy



Original Color

47.1702, 0.3217, 0.3227

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6080, 0.3162, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1702, 0.3217, 0.3227 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 184)  
}
```

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, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.1702, 0.3217, 0.3227 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, 179, 184) }
```

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

```
.border{ border-color:rgb(194, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1702, 0.3217, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 184) }
```

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

```
.background{ background-color: rgb(194,  
179, 184) }
```

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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