

Converting Colors

$Yxy(47.0919, 0.3488, 0.3208)$

Have a look what the booklet for
Yxy(47.0919, 0.3488, 0.3208)
contains.

Yxy(47.0919, 0.3488, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0919, 0.3488, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	D9ABB2
RGB	217, 171, 178
RGB Percent	85%, 67%, 70%
CMY	0.1492, 0.3293, 0.3020
CMYK	0.00, 0.21, 0.18, 0.15
HSL	351°, 38%, 76%
HSV	351°, 21%, 85%
XYZ	51.2022, 47.0919, 48.5011
YIQ	185.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

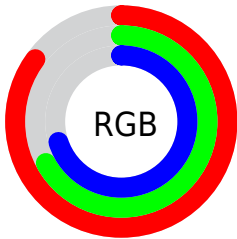
Format	Color
RYB	217, 171, 178
Decimal	14265266
CIELab	74.25, 17.83, 2.86
CIElCh	74, 18.062, 9.105
Yxy	47.0919, 0.3488, 0.3208
Android (android.graphics.Color)	4292455346 (0xFFD9ABB2)
YUV	185.5520, -3.7231, 27.5799
Hunter-Lab	68.6235, 13.0932, 6.1320

Details

The Yxy color **47.0919, 0.3488, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.9154, 0.2855, 0.3374**, and the grayscale version is **48.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5932, 0.3278, 0.3211**, and **22.2514, 0.3590, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **38.8676, 0.3724, 0.3167**, and if you desaturate by 10%, it is **56.7650, 0.3297, 0.3248**.

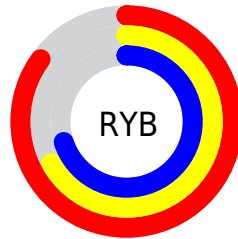
Distribution



Red (85%)

Green (67%)

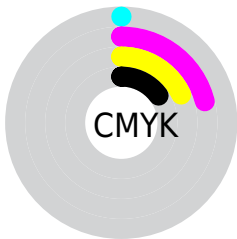
Blue (70%)



Red (85%)

Yellow (67%)

Blue (70%)

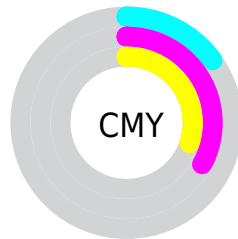


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0919, 0.3488, 0.3208 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 47.0919, 0.3488, 0.3208 by changing the saturation by 10% instead.


 47.0919, 0.3488,
0.3208

 47.0919, 0.3488,
0.3208


375.1812, 0.3307,
0.3250

 33.1083, 0.3533,
0.3197


 85.8508, 0.3422,
0.3224

 22.2094, 0.3592,
0.3183


111.3949, 0.3397,
0.3230

 14.0109, 0.3669,
0.3163


141.5612, 0.3377,
0.3234

 8.1282, 0.3778,
0.3135

176.7343, 0.3359,
0.3239

 4.1771, 0.3941,
0.3092

217.2984, 0.3343,
0.3242

 1.7731, 0.4211,
0.3016

263.6380, 0.3330,


 0.4703, 0.5301,


0.3245

0.2824


316.1375, 0.3318,
0.3248


 0.0000, 0.0000,
0.0000

 47.0919, 0.3488,
0.3208


 47.0919, 0.3488,
0.3208

 38.8676, 0.3724,
0.3167


 56.7650, 0.3297,
0.3248

 32.0161, 0.4014,
0.3127


 67.9452, 0.3143,
0.3286

 26.4643, 0.4360,
0.3093

 80.6954, 0.3019,
0.3321

 22.1299, 0.4759,
0.3070

 93.2687, 0.2918,
0.3324

 18.9208, 0.5191,
0.3066

 93.4845, 0.2900,
0.3289

■ 16.7320, 0.5615,
0.3089

■ 15.4385, 0.5977,
0.3139

■ 14.8536, 0.6209,
0.3194

Harmonies

Analogous

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



47.0919, 0.3262, 0.3022



47.0919, 0.3488, 0.3208



47.0919, 0.3615, 0.3420

Triad

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



47.0919, 0.3488, 0.3208



47.0919, 0.3232, 0.3718



47.0919, 0.2669, 0.2953

Complementary

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



47.0919, 0.3488, 0.3208



62.9154, 0.2855, 0.3374

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.



47.0919, 0.2663, 0.3128



47.0919, 0.3488, 0.3208



47.0919, 0.2981, 0.3583

Square

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



47.0919, 0.3488, 0.3208



47.0919, 0.3462, 0.3724



47.0919, 0.2775, 0.3361



47.0919, 0.2792, 0.2874

Rectangle

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



47.0919, 0.3488, 0.3208



47.0919, 0.3624, 0.3553



47.0919, 0.2775, 0.3361



47.0919, 0.2654, 0.3001

Sweetspot

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



47.0940, 0.3488, 0.3208



89.8155, 0.3214, 0.3268



47.7421, 0.3087, 0.2756



18.9975, 0.3224, 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.



47.0940, 0.3488, 0.3208



62.8434, 0.3578, 0.3191



52.9451, 0.3515, 0.3473



13.0835, 0.3268, 0.3255



9.0057, 0.6182, 0.3179



0.5938, 0.5781, 0.2958

Inverse Universe

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



47.0940, 0.3488, 0.3208



62.8434, 0.3578, 0.3191



55.7425, 0.2800, 0.3100



13.0835, 0.3268, 0.3255



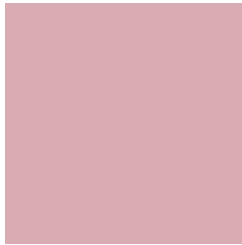
9.0057, 0.6182, 0.3179



0.5938, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 47.0919, 0.3488, 0.3208 looks on a white background.

Color Contrast Check

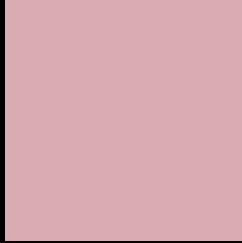
Large Text (above 18pt) WCAG AA × Fail

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 47.0919, 0.3488, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

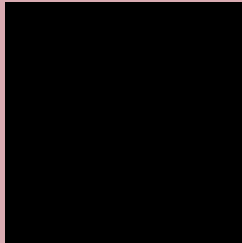
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0919, 0.3488, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 47.0919, 0.3488, 0.3208.



This preview shows how white text looks on a background with the Yxy color 47.0919, 0.3488, 0.3208.

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

47.0919, 0.3488, 0.3208

Protanopia

47.3557, 0.3145, 0.3264

Deuteranopia

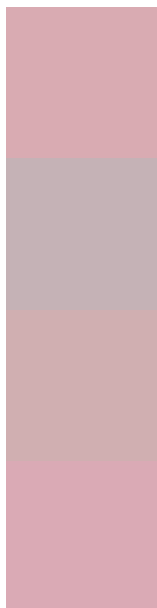
47.3151, 0.3358, 0.3291



Tritanopia

47.0738, 0.3454, 0.3137

Trichromacy



Original Color

47.0919, 0.3488, 0.3208

Protanomaly

47.0885, 0.3261, 0.3240

Deuteranomaly

47.2442, 0.3407, 0.3266

Tritanomaly

46.9911, 0.3472, 0.3160

Monochromacy



Original Color

47.0919, 0.3488, 0.3208

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3370, 0.3249, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0919, 0.3488, 0.3208 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(217, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 178)  
}
```

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(217, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 178) }
```

Border

The CSS property to change the border of an element to Yxy 47.0919, 0.3488, 0.3208 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(217, 171, 178) }
```

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

```
.border{ border-color:rgb(217, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0919, 0.3488, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 178) }
```

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

```
.background{ background-color: rgb(217,  
171, 178) }
```

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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