

Converting Colors

$Yxy(41.4761, 0.3186, 0.3208)$

Have a look what the booklet for
Yxy(41.4761, 0.3186, 0.3208)
contains.

Yxy(41.2948, 0.3186, 0.3210)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.2948, 0.3186, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	B5A9AF
RGB	181, 169, 175
RGB Percent	71%, 66%, 69%
CMY	0.2901, 0.3373, 0.3138
CMYK	0.00, 0.07, 0.03, 0.29
HSL	330°, 8%, 69%
HSV	330°, 7%, 71%
XYZ	40.9861, 41.2948, 46.3634
YIQ	173.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

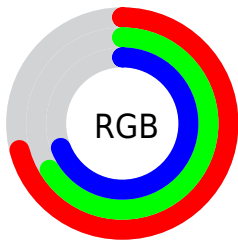
Format	Color
RYB	181, 169, 175
Decimal	11905455
CIELab	70.38, 5.41, -1.53
CIElCh	70, 5.624, 344.211
Yxy	41.2948, 0.3186, 0.3210
Android (android.graphics.Color)	4290095535 (0xFFB5A9AF)
YUV	173.2720, 0.8519, 6.7775
Hunter-Lab	64.2610, 1.3915, 2.2059

Details

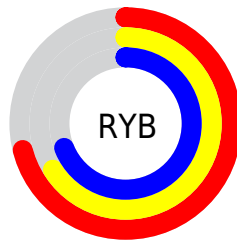
The Yxy color **41.2948, 0.3186, 0.3210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5906, 0.3072, 0.3371**, and the grayscale version is **41.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0290, 0.3179, 0.3228**, and **18.7418, 0.3196, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **34.6760, 0.3289, 0.3084**, and if you desaturate by 10%, it is **48.8737, 0.3100, 0.3329**.

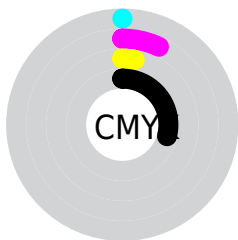
Distribution



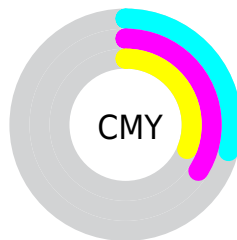
- Red (71%)
- Green (66%)
- Blue (69%)



- Red (71%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2948, 0.3186, 0.3210 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 41.2948, 0.3186, 0.3210 by changing the saturation by 10% instead.

 41.2948, 0.3186,
0.3210


 41.2948, 0.3186,
0.3210


351.5512, 0.3156,
0.3251

 28.5495, 0.3194,
0.3200


 77.1312, 0.3175,
0.3225

 18.7403, 0.3204,
0.3186


 100.9911, 0.3171,
0.3230

 11.4828, 0.3217,
0.3168


129.3247, 0.3168,
0.3235

 6.3925, 0.3236,
0.3142

162.5163, 0.3165,
0.3239

 3.0852, 0.3265,
0.3103

200.9504, 0.3162,
0.3243

 1.1764, 0.3316,
0.3035

245.0113, 0.3160,

 0.0423, 0.4687,

0.3246

0.1150

295.0834, 0.3158,
0.3248

0.0000, 0.0000,
0.0000

41.2948, 0.3186,
0.3210

41.2948, 0.3186,
0.3210

34.6760, 0.3289,
0.3084

48.8737, 0.3100,
0.3329

28.9734, 0.3414,
0.2953

57.4438, 0.3029,
0.3440

24.1477, 0.3561,
0.2821

67.0412, 0.2971,
0.3542

20.1544, 0.3734,
0.2694

77.6987, 0.2922,
0.3636

16.9453, 0.3933,
0.2581

86.5359, 0.2879,
0.3675

■ 14.4671, 0.4156,
0.2493

■ 87.0315, 0.2833,
0.3571

■ 12.6598, 0.4396,
0.2441

■ 87.5536, 0.2787,
0.3469

■ 11.4537, 0.4642,
0.2438

■ 88.1027, 0.2742,
0.3368

■ 10.7539, 0.4883,
0.2487

■ 88.5673, 0.2706,
0.3289

Harmonies

Analogous

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



41.2948, 0.3103, 0.3164



41.2948, 0.3186, 0.3210



41.2948, 0.3253, 0.3277

Triad

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



41.2948, 0.3186, 0.3210



41.2948, 0.3226, 0.3432



41.2948, 0.2970, 0.3229

Complementary

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



41.2948, 0.3186, 0.3210



44.5906, 0.3072, 0.3371

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.



41.2948, 0.3002, 0.3302



41.2948, 0.3186, 0.3210



41.2948, 0.3149, 0.3421

Square

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



41.2948, 0.3186, 0.3210



41.2948, 0.3277, 0.3405



41.2948, 0.3068, 0.3372



41.2948, 0.2980, 0.3174

Rectangle

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



41.2948, 0.3186, 0.3210



41.2948, 0.3280, 0.3325



41.2948, 0.3068, 0.3372



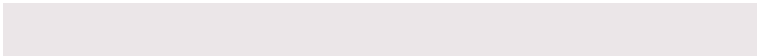
41.2948, 0.2977, 0.3252

Sweetspot

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



41.2966, 0.3186, 0.3210



79.9768, 0.3144, 0.3266



40.8273, 0.3081, 0.3128



17.3175, 0.3143, 0.3267



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.2966, 0.3186, 0.3210



72.0662, 0.3200, 0.3192



41.0662, 0.3238, 0.3290



8.5735, 0.3212, 0.3177



7.2975, 0.4936, 0.2493



0.2414, 0.4332, 0.2160

Inverse Universe

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



41.2966, 0.3186, 0.3210



72.0662, 0.3200, 0.3192



44.8316, 0.3026, 0.3290



8.5735, 0.3212, 0.3177



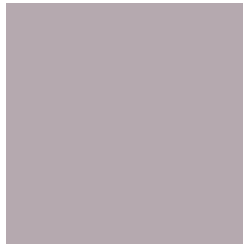
7.2975, 0.4936, 0.2493



0.2414, 0.4332, 0.2160

Previews

White Background



This preview shows how the Yxy color 41.2948, 0.3186, 0.3210 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 41.2948, 0.3186, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

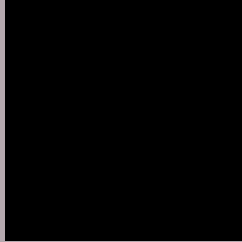
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2948, 0.3186, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 41.2948, 0.3186, 0.3210.



This preview shows how white text looks on a background with the Yxy color 41.2948, 0.3186, 0.3210.

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

41.2948, 0.3186, 0.3210

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

41.2974, 0.3243, 0.3185



Tritanopia

41.2865, 0.3144, 0.3118

Trichromacy



Original Color

41.2948, 0.3186, 0.3210

Protanomaly

41.2312, 0.3140, 0.3209

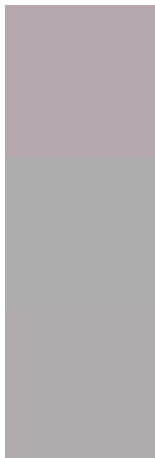
Deuteranomaly

41.4147, 0.3223, 0.3198

Tritanomaly

41.2050, 0.3161, 0.3144

Monochromacy



Original Color

41.2948, 0.3186, 0.3210

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7911, 0.3146, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2948, 0.3186, 0.3210 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(181, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 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(181, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.2948, 0.3186, 0.3210 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(181, 169, 175) }
```

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

```
.border{ border-color:rgb(181, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2948, 0.3186, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 175) }
```

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

```
.background{ background-color: rgb(181,  
169, 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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