

Converting Colors

$Yxy(41.5517, 0.3198, 0.3139)$

Have a look what the booklet for
Yxy(41.5517, 0.3198, 0.3139)
contains.

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Color

Yxy(41.6990, 0.3198, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	BAA8B3
RGB	186, 168, 179
RGB Percent	73%, 66%, 70%
CMY	0.2706, 0.3412, 0.2981
CMYK	0.00, 0.10, 0.04, 0.27
HSL	323°, 12%, 69%
HSV	323°, 10%, 73%
XYZ	42.3882, 41.6990, 48.4589
YIQ	174.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

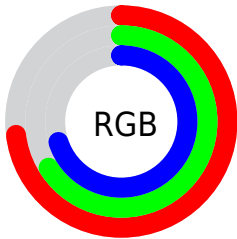
Format	Color
R_{YB}	186, 168, 179
Decimal	12232883
CIE Lab	70.66, 8.46, -3.28
CIE LCh	71, 9.074, 338.813
Yxy	41.6990, 0.3198, 0.3146
Android (android.graphics.Color)	4290422963 (0xFFBAA8B3)
YUV	174.6360, 2.1515, 9.9662
Hunter-Lab	64.5748, 4.1653, 0.7093

Details

The Yxy color **41.6990, 0.3198, 0.3146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5388, 0.3062, 0.3438**, and the grayscale version is **42.6585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6508, 0.3182, 0.3168**, and **18.9837, 0.3225, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **35.0316, 0.3285, 0.2990**, and if you desaturate by 10%, it is **49.3678, 0.3125, 0.3295**.

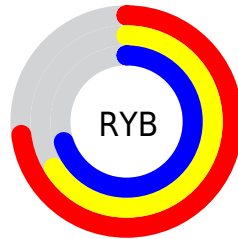
Distribution



Red (73%)

Green (66%)

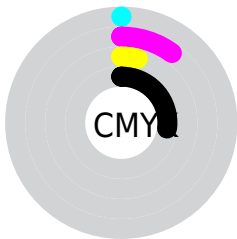
Blue (70%)



Red (73%)

Yellow (66%)

Blue (70%)

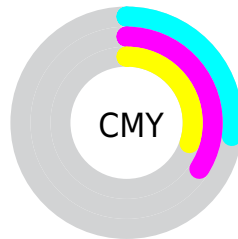


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6990, 0.3198, 0.3146 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 41.6990, 0.3198, 0.3146 by changing the saturation by 10% instead.


 41.6990, 0.3198,
0.3146

 41.6990, 0.3198,
0.3146


353.2337, 0.3162,
0.3219

 28.8657, 0.3207,
0.3128


 77.7439, 0.3185,
0.3173

 18.9792, 0.3219,
0.3104


 101.7242, 0.3180,
0.3182

 11.6553, 0.3234,
0.3072


130.1890, 0.3176,
0.3191

 6.5094, 0.3256,
0.3028

163.5226, 0.3172,
0.3198

 3.1572, 0.3290,
0.2960

202.1095, 0.3169,
0.3204

 1.2144, 0.3346,
0.2845

246.3341, 0.3167,

 0.0734, 0.4193,

0.3210

0.1114

296.5806, 0.3164,
0.3214

0.0000, 0.0000,
0.0000

41.6990, 0.3198,
0.3146

41.6990, 0.3198,
0.3146

35.0316, 0.3285,
0.2990

49.3678, 0.3125,
0.3295

29.3184, 0.3387,
0.2831

58.0717, 0.3064,
0.3434

24.5164, 0.3507,
0.2672

67.8497, 0.3013,
0.3564

20.5775, 0.3644,
0.2523

78.7370, 0.2971,
0.3684

17.4487, 0.3797,
0.2391

86.8757, 0.2934,
0.3732

■ 15.0716, 0.3964,
0.2290

■ 87.2568, 0.2896,
0.3649

■ 13.3795, 0.4140,
0.2229

■ 87.6545, 0.2859,
0.3567

■ 12.2939, 0.4317,
0.2217

■ 88.0691, 0.2821,
0.3486

■ 11.6631, 0.4492,
0.2250

■ 88.5008, 0.2785,
0.3406

Harmonies

Analogous

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



41.6990, 0.3065, 0.3081



41.6990, 0.3198, 0.3146



41.6990, 0.3314, 0.3247

Triad

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



41.6990, 0.3198, 0.3146



41.6990, 0.3305, 0.3516



41.6990, 0.2881, 0.3210

Complementary

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



41.6990, 0.3198, 0.3146



46.5388, 0.3062, 0.3438

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.



41.6990, 0.2942, 0.3330



41.6990, 0.3198, 0.3146



41.6990, 0.3186, 0.3510

Square

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



41.6990, 0.3198, 0.3146



41.6990, 0.3376, 0.3460



41.6990, 0.3053, 0.3441



41.6990, 0.2884, 0.3115

Rectangle

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



41.6990, 0.3198, 0.3146



41.6990, 0.3365, 0.3324



41.6990, 0.3053, 0.3441



41.6990, 0.2895, 0.3249

Sweetspot

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



41.7008, 0.3198, 0.3146



84.5850, 0.3148, 0.3245



40.6552, 0.3039, 0.3049



18.3753, 0.3154, 0.3234



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.7008, 0.3198, 0.3146



72.3663, 0.3219, 0.3107



41.3526, 0.3276, 0.3263



9.1019, 0.3195, 0.3151



7.8492, 0.4476, 0.2239



0.2885, 0.4069, 0.2015

Inverse Universe

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



41.7008, 0.3198, 0.3146



72.3663, 0.3219, 0.3107



46.8997, 0.2996, 0.3318



9.1019, 0.3195, 0.3151



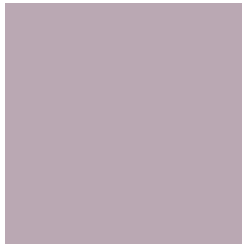
7.8492, 0.4476, 0.2239



0.2885, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 41.6990, 0.3198, 0.3146 looks on a white background.

Color Contrast Check

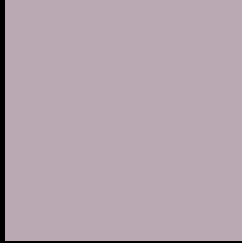
Large Text (above 18pt) WCAG AA × Fail

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 41.6990, 0.3198, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

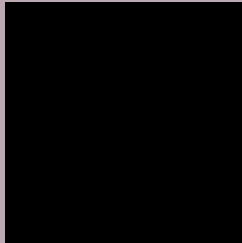
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6990, 0.3198, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 41.6990, 0.3198, 0.3146.



This preview shows how white text looks on a background with the Yxy color 41.6990, 0.3198, 0.3146.

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

41.6990, 0.3198, 0.3146

Protanopia

41.8399, 0.3071, 0.3169

Deuteranopia

41.8247, 0.3207, 0.3146



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

41.6990, 0.3198, 0.3146

Protanomaly

41.8861, 0.3115, 0.3170

Deuteranomaly

41.8247, 0.3207, 0.3146

Tritanomaly

41.7397, 0.3189, 0.3133

Monochromacy



Original Color

41.6990, 0.3198, 0.3146

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2233, 0.3157, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6990, 0.3198, 0.3146 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(186, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 179)  
}
```

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(186, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.6990, 0.3198, 0.3146 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(186, 168, 179) }
```

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

```
.border{ border-color:rgb(186, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6990, 0.3198, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 179) }
```

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

```
.background{ background-color: rgb(186,  
168, 179) }
```

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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