

Converting Colors

$Yxy(41.0021, 0.3198, 0.3158)$

Have a look what the booklet for
Yxy(41.0021, 0.3198, 0.3158)
contains.

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Color

Yxy(41.0021, 0.3198, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	B8A7B1
RGB	184, 167, 177
RGB Percent	72%, 65%, 69%
CMY	0.2784, 0.3451, 0.3059
CMYK	0.00, 0.09, 0.04, 0.28
HSL	325°, 11%, 69%
HSV	325°, 9%, 72%
XYZ	41.5214, 41.0021, 47.3121
YIQ	173.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

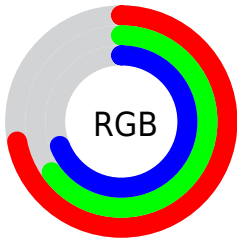
Format	Color
RYB	184, 167, 177
Decimal	12101553
CIELab	70.18, 7.93, -2.90
CIELCh	70, 8.446, 339.901
Yxy	41.0021, 0.3198, 0.3158
Android (android.graphics.Color)	4290291633 (0xFFB8A7B1)
YUV	173.2230, 1.8621, 9.4514
Hunter-Lab	64.0329, 3.6889, 1.0153

Details

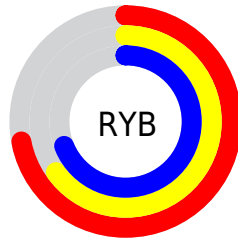
The Yxy color $41.0021, 0.3198, 0.3158$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.5569, 0.3062, 0.3426$, and the grayscale version is $41.8974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6510, 0.3182, 0.3177$, and $18.5420, 0.3225, 0.3126$ is the 20% darker color. If you saturate the color by 10%, you get $34.4399, 0.3289, 0.3008$, and if you desaturate by 10%, it is $48.5440, 0.3122, 0.3301$.

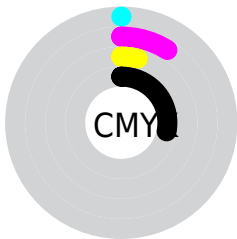
Distribution



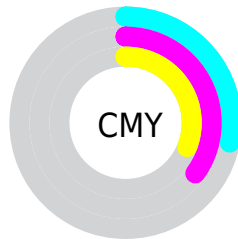
- Red (72%)
- Green (65%)
- Blue (69%)



- Red (72%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (28%)





- Cyan (28%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0021, 0.3198, 0.3158 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 41.0021, 0.3198, 0.3158 by changing the saturation by 10% instead.


 41.0021, 0.3198,
0.3158

 41.0021, 0.3198,
0.3158


350.3294, 0.3162,
0.3225

 28.3207, 0.3207,
0.3141

 76.6871, 0.3185,
0.3182

 18.5676, 0.3219,
0.3119


 100.4595, 0.3180,
0.3192

 11.3582, 0.3235,
0.3090


128.6977, 0.3176,
0.3199

 6.3083, 0.3257,
0.3048

161.7861, 0.3172,
0.3206

 3.0335, 0.3292,
0.2984

200.1090, 0.3169,
0.3212

 1.1492, 0.3351,
0.2875

244.0510, 0.3167,

 0.0196, 0.4653,

0.3217

0.0430

293.9963, 0.3164,
0.3221

0.0000, 0.0000,
0.0000

41.0021, 0.3198,
0.3158

41.0021, 0.3198,
0.3158

34.4399, 0.3289,
0.3008

48.5440, 0.3122,
0.3301

28.8115, 0.3397,
0.2855

57.0985, 0.3058,
0.3434

24.0752, 0.3523,
0.2702

66.7035, 0.3006,
0.3558

20.1842, 0.3668,
0.2557

77.3932, 0.2962,
0.3673

17.0871, 0.3831,
0.2430

86.6167, 0.2924,
0.3736

■ 14.7273, 0.4010,
0.2331

■ 87.0165, 0.2884,
0.3649

■ 13.0401, 0.4199,
0.2273

■ 87.4347, 0.2845,
0.3562

■ 11.9497, 0.4390,
0.2263

■ 87.8715, 0.2806,
0.3477

■ 11.3168, 0.4579,
0.2301

■ 88.3272, 0.2768,
0.3393

Harmonies

Analogous

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



41.0021, 0.3073, 0.3096



41.0021, 0.3198, 0.3158



41.0021, 0.3306, 0.3254

Triad

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



41.0021, 0.3198, 0.3158



41.0021, 0.3290, 0.3502



41.0021, 0.2895, 0.3211

Complementary

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



41.0021, 0.3198, 0.3158



45.5569, 0.3062, 0.3426

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.



41.0021, 0.2951, 0.3323



41.0021, 0.3198, 0.3158



41.0021, 0.3178, 0.3494

Square

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



41.0021, 0.3198, 0.3158



41.0021, 0.3359, 0.3452



41.0021, 0.3054, 0.3428



41.0021, 0.2900, 0.3124

Rectangle

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



41.0021, 0.3198, 0.3158



41.0021, 0.3352, 0.3326



41.0021, 0.3054, 0.3428



41.0021, 0.2908, 0.3247

Sweetspot

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



41.0039, 0.3198, 0.3158



82.5717, 0.3149, 0.3247



40.0763, 0.3046, 0.3061



17.5615, 0.3155, 0.3236



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.0039, 0.3198, 0.3158



71.8755, 0.3214, 0.3129



40.6837, 0.3271, 0.3268



9.0983, 0.3199, 0.3157



7.7837, 0.4572, 0.2292



0.2864, 0.4132, 0.2050

Inverse Universe

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



41.0039, 0.3198, 0.3158



71.8755, 0.3214, 0.3129



45.8900, 0.3000, 0.3313



9.0983, 0.3199, 0.3157



7.7837, 0.4572, 0.2292



0.2864, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 41.0021, 0.3198, 0.3158 looks on a white background.

Color Contrast Check

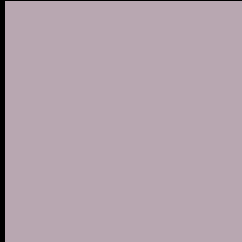
Large Text (above 18pt) WCAG AA × Fail

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 41.0021, 0.3198, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

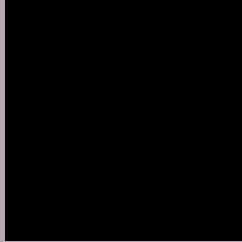
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0021, 0.3198, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 41.0021, 0.3198, 0.3158.



This preview shows how white text looks on a background with the Yxy color 41.0021, 0.3198, 0.3158.

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

41.0021, 0.3198, 0.3158

Protanopia

41.1511, 0.3070, 0.3181

Deuteranopia

40.8859, 0.3217, 0.3145



Tritanopia

41.1231, 0.3172, 0.3119

Trichromacy



Original Color

41.0021, 0.3198, 0.3158

Protanomaly

41.1939, 0.3114, 0.3182

Deuteranomaly

40.7610, 0.3208, 0.3145

Tritanomaly

41.0825, 0.3180, 0.3132

Monochromacy



Original Color

41.0021, 0.3198, 0.3158

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5289, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0021, 0.3198, 0.3158 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(184, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 177)  
}
```

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(184, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.0021, 0.3198, 0.3158 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(184, 167, 177) }
```

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

```
.border{ border-color:rgb(184, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0021, 0.3198, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 177) }
```

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

```
.background{ background-color: rgb(184,  
167, 177) }
```

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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