

Converting Colors

$Yxy(47.4475, 0.3116, 0.3253)$

Have a look what the booklet for
Yxy(47.4475, 0.3116, 0.3253)
contains.

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Color

Yxy(47.6025, 0.3112, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B8B7BA
RGB	184, 183, 186
RGB Percent	72%, 72%, 73%
CMY	0.2784, 0.2824, 0.2705
CMYK	0.01, 0.02, 0.00, 0.27
HSL	260°, 2%, 72%
HSV	260°, 2%, 73%
XYZ	45.5672, 47.6025, 53.2545
YIQ	183.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

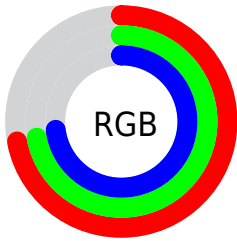
Format	Color
RYB	184, 183, 186
Decimal	12105658
CIELab	74.57, 0.93, -1.42
CIElCh	75, 1.692, 303.150
Yxy	47.6025, 0.3112, 0.3251
Android (android.graphics.Color)	4290295738 (0xFFB8B7BA)
YUV	183.6410, 1.1630, 0.3148
Hunter-Lab	68.9946, -2.8508, 2.5323

Details

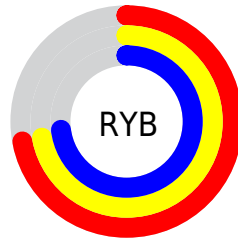
The Yxy color **47.6025, 0.3112, 0.3251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8636, 0.3142, 0.3329**, and the grayscale version is **47.7205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6691, 0.3115, 0.3260**, and **22.4840, 0.3107, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **38.9672, 0.3010, 0.2997**, and if you desaturate by 10%, it is **57.3902, 0.3199, 0.3480**.

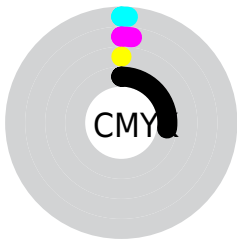
Distribution



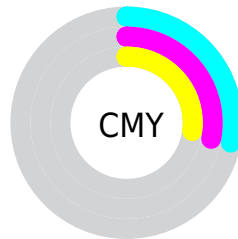
- Red (72%)
- Green (72%)
- Blue (73%)



- Red (72%)
- Yellow (72%)
- Blue (73%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6025, 0.3112, 0.3251 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 47.6025, 0.3112, 0.3251 by changing the saturation by 10% instead.

■ 47.6025, 0.3112,
0.3251

■ 47.6025, 0.3112,
0.3251

377.2144, 0.3120,
0.3271

■ 33.5122, 0.3110,
0.3246

■ 86.6123, 0.3115,
0.3258

■ 22.5191, 0.3108,
0.3240

112.3005, 0.3116,
0.3261

■ 14.2388, 0.3104,
0.3232

142.6236, 0.3117,
0.3263

■ 8.2870, 0.3100,
0.3220

177.9658, 0.3117,
0.3265

■ 4.2791, 0.3093,
0.3203

218.7116, 0.3118,
0.3267

■ 1.8309, 0.3082,
0.3175

265.2454, 0.3119,

■ 0.5063, 0.3034,

0.3268

0.3049

317.9515, 0.3119,
0.3269

0.0000, 0.0000,
0.0000

47.6025, 0.3112,
0.3251

47.6025, 0.3112,
0.3251

38.9672, 0.3010,
0.2997

57.3902, 0.3199,
0.3480

31.4351, 0.2893,
0.2718

68.3647, 0.3273,
0.3684

24.9629, 0.2759,
0.2418

80.5667, 0.3336,
0.3865

19.5015, 0.2611,
0.2105

92.4859, 0.3393,
0.4002

14.9983, 0.2452,
0.1789

94.6517, 0.3476,
0.3983

■ 11.3957, 0.2287,
0.1486

■ 96.3263, 0.3538,
0.3968

■ 8.6294, 0.2123,
0.1214

■ 6.6268, 0.1971,
0.0991

■ 5.3015, 0.1839,
0.0829

Harmonies

Analogous

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



47.6025, 0.3092, 0.3251



47.6025, 0.3112, 0.3251



47.6025, 0.3136, 0.3261

Triad

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



47.6025, 0.3112, 0.3251



47.6025, 0.3172, 0.3318



47.6025, 0.3097, 0.3301

Complementary

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



47.6025, 0.3112, 0.3251



48.8636, 0.3142, 0.3329

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.



47.6025, 0.3119, 0.3320



47.6025, 0.3112, 0.3251



47.6025, 0.3162, 0.3329

Square

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



47.6025, 0.3112, 0.3251



47.6025, 0.3171, 0.3300



47.6025, 0.3142, 0.3330



47.6025, 0.3084, 0.3280

Rectangle

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



47.6025, 0.3112, 0.3251



47.6025, 0.3151, 0.3272



47.6025, 0.3142, 0.3330



47.6025, 0.3104, 0.3308

Sweetspot

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



47.6045, 0.3112, 0.3251



89.0005, 0.3127, 0.3290



48.3184, 0.3103, 0.3277



19.5994, 0.3127, 0.3290



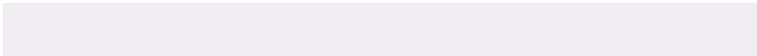
95.5105, 0.3127, 0.3290

Same Dimension

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



47.6045, 0.3112, 0.3251



85.5837, 0.3108, 0.3241



47.7922, 0.3125, 0.3251



10.2782, 0.3110, 0.3245



3.1138, 0.1758, 0.0742



0.1445, 0.2067, 0.0912

Inverse Universe

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



47.8124, 0.3137, 0.3264



86.0536, 0.3139, 0.3258



48.6766, 0.3130, 0.3329



10.3298, 0.3138, 0.3260



8.0145, 0.4259, 0.2120



0.2935, 0.3926, 0.1936

Previews

White Background



This preview shows how the Yxy color 47.6025, 0.3112, 0.3251 looks on a white background.

Color Contrast Check

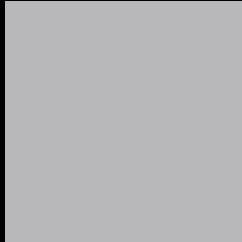
Large Text (above 18pt) WCAG AA × Fail

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 47.6025, 0.3112, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

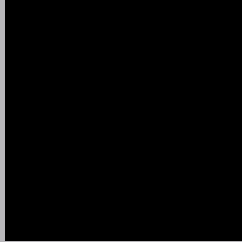
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

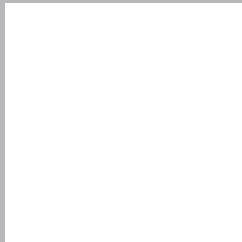
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6025, 0.3112, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 47.6025, 0.3112, 0.3251.

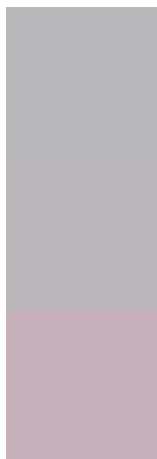


This preview shows how white text looks on a background with the Yxy color 47.6025, 0.3112, 0.3251.

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

47.6025, 0.3112, 0.3251

Protanopia

47.4402, 0.3130, 0.3239

Deuteranopia

47.5708, 0.3237, 0.3179



Tritanopia

47.4724, 0.3052, 0.3100

Trichromacy



Original Color

47.6025, 0.3112, 0.3251

Protanomaly

47.3154, 0.3121, 0.3239

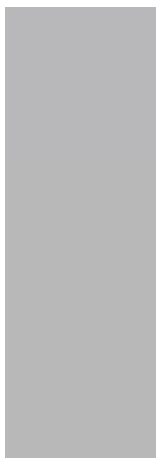
Deuteranomaly

47.6997, 0.3192, 0.3202

Tritanomaly

47.5760, 0.3074, 0.3162

Monochromacy



Original Color

47.6025, 0.3112, 0.3251

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9741, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6025, 0.3112, 0.3251 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, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 186)  
}
```

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, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.6025, 0.3112, 0.3251 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, 183, 186) }
```

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

```
.border{ border-color:rgb(184, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
186) }
```

Background

The CSS property to change the background color of an element to Yxy 47.6025, 0.3112, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 186) }
```

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

```
.background{ background-color: rgb(184,  
183, 186) }
```

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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