

Converting Colors

$Yxy(48.2781, 0.3091, 0.3176)$

Have a look what the booklet for
Yxy(48.2781, 0.3091, 0.3176)
contains.

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Color

Yxy(48.2375, 0.3091, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	BBB7C0
RGB	187, 183, 192
RGB Percent	73%, 72%, 75%
CMY	0.2665, 0.2824, 0.2471
CMYK	0.03, 0.05, 0.00, 0.25
HSL	267°, 7%, 74%
HSV	267°, 5%, 75%
XYZ	46.9465, 48.2375, 56.6973
YIQ	185.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

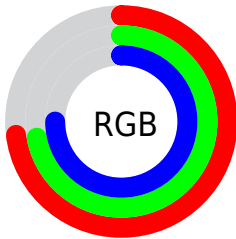
Format	Color
RYB	187, 183, 192
Decimal	12302272
CIELab	74.97, 3.11, -4.05
CIELCh	75, 5.104, 307.485
Yxy	48.2375, 0.3091, 0.3176
Android (android.graphics.Color)	4290492352 (0xFFBBB7C0)
YUV	185.2220, 3.3416, 1.5593
Hunter-Lab	69.4532, -0.8871, 0.2166

Details

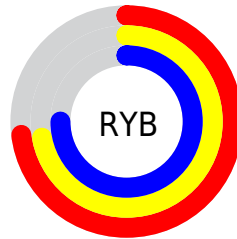
The Yxy color $48.2375, 0.3091, 0.3176$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.7967, 0.3162, 0.3404$, and the grayscale version is $48.6301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5650, 0.3099, 0.3201$, and $22.8977, 0.3077, 0.3135$ is the 20% darker color. If you saturate the color by 10%, you get $39.5679, 0.3004, 0.2916$, and if you desaturate by 10%, it is $58.0897, 0.3165, 0.3413$.

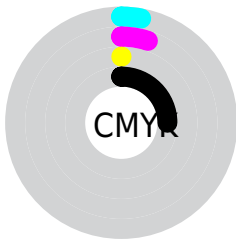
Distribution



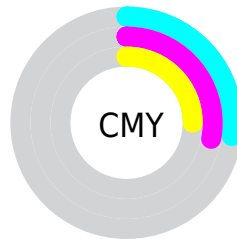
- Red (73%)
- Green (72%)
- Blue (75%)



- Red (73%)
- Yellow (72%)
- Blue (75%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2375, 0.3091, 0.3176 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 48.2375, 0.3091, 0.3176 by changing the saturation by 10% instead.

■ 48.2375, 0.3091,
0.3176

■ 48.2375, 0.3091,
0.3176

379.7327, 0.3109,
0.3232

■ 34.0150, 0.3086,
0.3162

■ 87.5579, 0.3098,
0.3196

■ 22.9051, 0.3081,
0.3144

113.4246, 0.3100,
0.3204

■ 14.5235, 0.3073,
0.3121

143.9415, 0.3102,
0.3211

■ 8.4856, 0.3062,
0.3089

179.4930, 0.3104,
0.3216

■ 4.4072, 0.3045,
0.3041

220.4635, 0.3106,
0.3221

■ 1.9039, 0.3018,
0.2964

267.2373, 0.3107,

■ 0.5507, 0.2948,

0.3225

0.2709

320.1990, 0.3108,
0.3229

0.0000, 0.0000,
0.0000

48.2375, 0.3091,
0.3176

48.2375, 0.3091,
0.3176

39.5679, 0.3004,
0.2916

58.0897, 0.3165,
0.3413

32.0291, 0.2904,
0.2636

69.1612, 0.3227,
0.3627

25.5746, 0.2790,
0.2341

81.4949, 0.3280,
0.3819

20.1522, 0.2663,
0.2039

92.0354, 0.3331,
0.3946

15.7055, 0.2526,
0.1742

93.8307, 0.3401,
0.3931

■ 12.1722, 0.2384,
0.1464

■ 95.7337, 0.3471,
0.3916

■ 9.4826, 0.2242,
0.1221

■ 96.5852, 0.3502,
0.3910

■ 7.5566, 0.2107,
0.1027

■ 6.2972, 0.1985,
0.0891

Harmonies

Analogous

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



48.2375, 0.3030, 0.3172



48.2375, 0.3091, 0.3176



48.2375, 0.3162, 0.3210

Triad

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



48.2375, 0.3091, 0.3176



48.2375, 0.3261, 0.3380



48.2375, 0.3030, 0.3315

Complementary

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



48.2375, 0.3091, 0.3176



51.7967, 0.3162, 0.3404

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.



48.2375, 0.3091, 0.3372



48.2375, 0.3091, 0.3176



48.2375, 0.3225, 0.3410

Square

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



48.2375, 0.3091, 0.3176



48.2375, 0.3261, 0.3327



48.2375, 0.3162, 0.3408



48.2375, 0.2995, 0.3251

Rectangle

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



48.2375, 0.3091, 0.3176



48.2375, 0.3206, 0.3245



48.2375, 0.3162, 0.3408



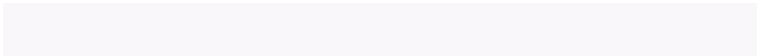
48.2375, 0.3048, 0.3336

Sweetspot

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



48.2396, 0.3091, 0.3176



93.7153, 0.3120, 0.3266



49.8770, 0.3056, 0.3240



20.1244, 0.3120, 0.3267



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.2396, 0.3091, 0.3176



85.0732, 0.3080, 0.3141



48.7969, 0.3127, 0.3177



10.5291, 0.3076, 0.3129



3.9464, 0.1939, 0.0842



0.2114, 0.2196, 0.0983

Inverse Universe

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



48.6982, 0.3164, 0.3228



86.1492, 0.3176, 0.3209



51.2526, 0.3127, 0.3405



10.6735, 0.3180, 0.3202



8.2528, 0.4726, 0.2377



0.3703, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 48.2375, 0.3091, 0.3176 looks on a white background.

Color Contrast Check

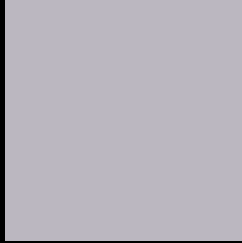
Large Text (above 18pt) WCAG AA × Fail

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 48.2375, 0.3091, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

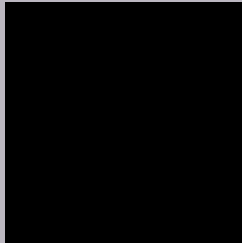
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

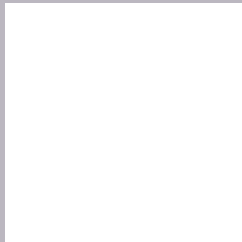
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2375, 0.3091, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 48.2375, 0.3091, 0.3176.



This preview shows how white text looks on a background with the Yxy color 48.2375, 0.3091, 0.3176.

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

48.2375, 0.3091, 0.3176

Protanopia

48.1118, 0.3082, 0.3176

Deuteranopia

48.2326, 0.3187, 0.3118



Tritanopia

48.1785, 0.3061, 0.3101

Trichromacy



Original Color

48.2375, 0.3091, 0.3176

Protanomaly

48.1118, 0.3082, 0.3176

Deuteranomaly

48.0949, 0.3152, 0.3129

Tritanomaly

48.0874, 0.3076, 0.3126

Monochromacy



Original Color

48.2375, 0.3091, 0.3176

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3509, 0.3113, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2375, 0.3091, 0.3176 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(187, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 183, 192)  
}
```

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(187, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 183, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.2375, 0.3091, 0.3176 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(187, 183, 192) }
```

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

```
.border{ border-color:rgb(187, 183, 192) }
```

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

Here you see how a box with a 4 pixel rgb(187, 183, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(187, 183,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2375, 0.3091, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 183, 192) }
```

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

```
.background{ background-color: rgb(187,  
183, 192) }
```

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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