

Converting Colors

$Yxy(48.1694, 0.3231, 0.3241)$

Have a look what the booklet for
Yxy(48.1694, 0.3231, 0.3241)
contains.

Yxy(48.2863, 0.3224, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2863, 0.3224, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C4B5B9
RGB	196, 181, 185
RGB Percent	77%, 71%, 73%
CMY	0.2314, 0.2902, 0.2744
CMYK	0.00, 0.08, 0.06, 0.23
HSL	344°, 11%, 74%
HSV	344°, 8%, 77%
XYZ	48.0478, 48.2863, 52.6976
YIQ	185.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

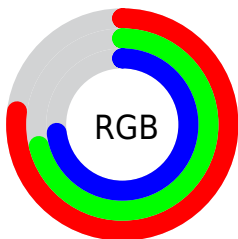
Format	Color
R _Y B	196, 181, 185
Decimal	12891577
CIE Lab	75.01, 6.04, -0.12
CIE LCh	75, 6.042, 358.849
Yxy	48.2863, 0.3224, 0.3240
Android (android.graphics.Color)	4291081657 (0xFFC4B5B9)
YUV	185.9410, -0.4639, 8.8217
Hunter-Lab	69.4883, 1.8196, 3.6783

Details

The Yxy color **48.2863, 0.3224, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1103, 0.3039, 0.3341**, and the grayscale version is **49.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8019, 0.3209, 0.3251**, and **22.8551, 0.3249, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **40.2943, 0.3376, 0.3171**, and if you desaturate by 10%, it is **57.4650, 0.3100, 0.3305**.

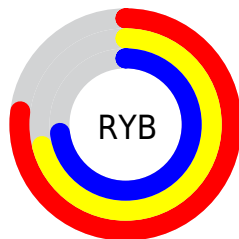
Distribution



Red (77%)

Green (71%)

Blue (73%)



Red (77%)

Yellow (71%)

Blue (73%)

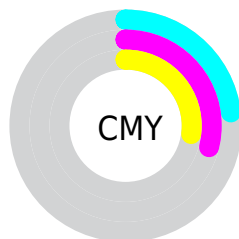


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2863, 0.3224, 0.3240 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 48.2863, 0.3224, 0.3240 by changing the saturation by 10% instead.


 48.2863, 0.3224,
0.3240

 48.2863, 0.3224,
0.3240


379.9258, 0.3176,
0.3265

 34.0537, 0.3236,
0.3234


 87.6305, 0.3207,
0.3249

 22.9348, 0.3251,
0.3226


113.5109, 0.3200,
0.3252

 14.5454, 0.3272,
0.3215


144.0427, 0.3194,
0.3255

 8.5010, 0.3300,
0.3201

179.6102, 0.3190,
0.3258

 4.4171, 0.3342,
0.3179

220.5979, 0.3186,
0.3260

 1.9095, 0.3411,
0.3143

267.3901, 0.3182,

 0.5541, 0.3664,

0.3262

0.3011

320.3713, 0.3179,
0.3263

0.0000, 0.0000,
0.0000

48.2863, 0.3224,
0.3240

48.2863, 0.3224,
0.3240

40.2943, 0.3376,
0.3171

57.4650, 0.3100,
0.3305

33.4344, 0.3562,
0.3099

67.8697, 0.3000,
0.3364

27.6569, 0.3790,
0.3027

79.5456, 0.2918,
0.3419

22.9061, 0.4062,
0.2959

89.6921, 0.2848,
0.3423

19.1212, 0.4382,
0.2904

90.4762, 0.2784,
0.3289

■ 16.2351, 0.4741,
0.2871

■ 14.1718, 0.5122,
0.2871

■ 12.8428, 0.5491,
0.2913

■ 12.1204, 0.5813,
0.2995

Harmonies

Analogous

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



48.2863, 0.3145, 0.3181



48.2863, 0.3224, 0.3240



48.2863, 0.3278, 0.3313

Triad

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



48.2863, 0.3224, 0.3240



48.2863, 0.3192, 0.3434



48.2863, 0.2967, 0.3197

Complementary

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



48.2863, 0.3224, 0.3240



53.1103, 0.3039, 0.3341

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.



48.2863, 0.2979, 0.3265



48.2863, 0.3224, 0.3240



48.2863, 0.3108, 0.3403

Square

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



48.2863, 0.3224, 0.3240



48.2863, 0.3259, 0.3426



48.2863, 0.3031, 0.3341



48.2863, 0.2996, 0.3155

Rectangle

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



48.2863, 0.3224, 0.3240



48.2863, 0.3291, 0.3360



48.2863, 0.3031, 0.3341



48.2863, 0.2966, 0.3217

Sweetspot

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



48.2884, 0.3224, 0.3240



96.5509, 0.3151, 0.3277



48.2084, 0.3100, 0.3103



20.7020, 0.3150, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



48.2884, 0.3224, 0.3240



85.1861, 0.3245, 0.3230



49.4583, 0.3253, 0.3331



10.1212, 0.3248, 0.3229



7.7155, 0.5847, 0.2995



0.3453, 0.5189, 0.2632

Inverse Universe

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



48.2884, 0.3224, 0.3240



85.1861, 0.3245, 0.3230



51.8404, 0.3010, 0.3249



10.1212, 0.3248, 0.3229



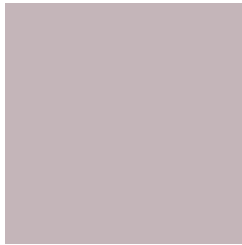
7.7155, 0.5847, 0.2995



0.3453, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 48.2863, 0.3224, 0.3240 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 48.2863, 0.3224, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

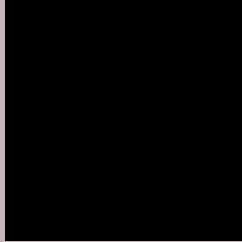
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

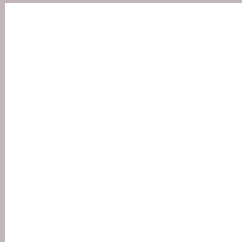
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2863, 0.3224, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 48.2863, 0.3224, 0.3240.



This preview shows how white text looks on a background with the Yxy color 48.2863, 0.3224, 0.3240.

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

48.2863, 0.3224, 0.3240

Protanopia

48.4336, 0.3129, 0.3252

Deuteranopia

48.2995, 0.3279, 0.3217



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.2863, 0.3224, 0.3240

Protanomaly

48.3593, 0.3163, 0.3252

Deuteranomaly

48.4247, 0.3260, 0.3229

Tritanomaly

48.2744, 0.3185, 0.3154

Monochromacy



Original Color

48.2863, 0.3224, 0.3240

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7733, 0.3162, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2863, 0.3224, 0.3240 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(196, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 185)  
}
```

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(196, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.2863, 0.3224, 0.3240 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(196, 181, 185) }
```

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

```
.border{ border-color:rgb(196, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2863, 0.3224, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 185) }
```

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

```
.background{ background-color: rgb(196,  
181, 185) }
```

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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