

Converting Colors

$Yxy(48.2781, 0.3142, 0.3418)$

Have a look what the booklet for
Yxy(48.2781, 0.3142, 0.3418)
contains.

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Color

Yxy(48.4183, 0.3146, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBB1
RGB	180, 187, 177
RGB Percent	71%, 73%, 69%
CMY	0.2941, 0.2666, 0.3059
CMYK	0.04, 0.00, 0.05, 0.27
HSL	102°, 7%, 71%
HSV	102°, 5%, 73%
XYZ	44.5262, 48.4183, 48.5881
YIQ	183.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

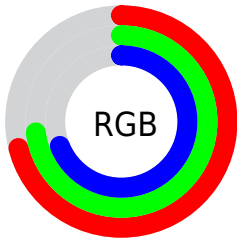
Format	Color
RYB	177, 187, 184
Decimal	11844529
CIELab	75.09, -4.30, 4.21
CIElCh	75, 6.018, 135.547
Yxy	48.4183, 0.3146, 0.3421
Android (android.graphics.Color)	4290034609 (0xFFB4BBB1)
YUV	183.7670, -3.3361, -3.3037
Hunter-Lab	69.5833, -7.5490, 7.3077

Details

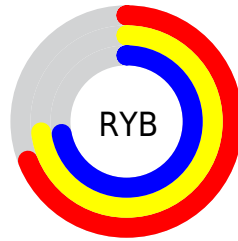
The Yxy color **48.4183, 0.3146, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2198, 0.3107, 0.3160**, and the grayscale version is **47.8167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8172, 0.3142, 0.3392**, and **23.0175, 0.3153, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **46.2268, 0.3180, 0.3686**, and if you desaturate by 10%, it is **50.8647, 0.3111, 0.3183**.

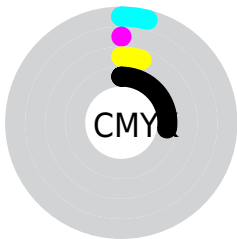
Distribution



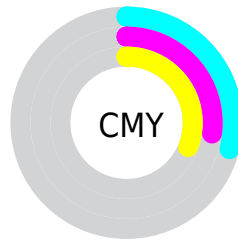
- Red (71%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4183, 0.3146, 0.3421 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 48.4183, 0.3146, 0.3421 by changing the saturation by 10% instead.

■ 48.4183, 0.3146,
0.3421

■ 48.4183, 0.3146,
0.3421

380.4478, 0.3137,
0.3355

■ 34.1583, 0.3148,
0.3437

■ 87.8269, 0.3143,
0.3397

■ 23.0152, 0.3151,
0.3459

113.7442, 0.3142,
0.3388

■ 14.6047, 0.3154,
0.3487

144.3161, 0.3140,
0.3381

■ 8.5425, 0.3159,
0.3526

179.9270, 0.3140,
0.3374

■ 4.4440, 0.3166,
0.3586

220.9612, 0.3139,
0.3369

■ 1.9249, 0.3176,
0.3685

267.8031, 0.3138,

■ 0.5633, 0.3280,

0.3364

0.4292

320.8372, 0.3137,
0.3359

0.0000, 0.0000,
0.0000

48.4183, 0.3146,
0.3421

48.4183, 0.3146,
0.3421

46.2268, 0.3180,
0.3686

50.8647, 0.3111,
0.3183

44.2757, 0.3212,
0.3976

53.5676, 0.3076,
0.2971

42.5584, 0.3238,
0.4287

56.5365, 0.3042,
0.2783

41.0657, 0.3257,
0.4609

59.7787, 0.3009,
0.2618

39.7877, 0.3265,
0.4929

62.2623, 0.3086,
0.2609

■ 38.7137, 0.3261,
0.5230

■ 64.0241, 0.3158,
0.2624

■ 37.8321, 0.3241,
0.5493

■ 37.1296, 0.3207,
0.5699

■ 36.5911, 0.3161,
0.5838

Harmonies

Analogous

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



48.4183, 0.3225, 0.3435



48.4183, 0.3146, 0.3421



48.4183, 0.3063, 0.3371

Triad

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



48.4183, 0.3146, 0.3421



48.4183, 0.2979, 0.3170



48.4183, 0.3258, 0.3280

Complementary

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



48.4183, 0.3146, 0.3421



45.2198, 0.3107, 0.3160

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.



48.4183, 0.3190, 0.3212



48.4183, 0.3146, 0.3421



48.4183, 0.3030, 0.3148

Square

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



48.4183, 0.3146, 0.3421



48.4183, 0.2968, 0.3225



48.4183, 0.3107, 0.3164



48.4183, 0.3290, 0.3352

Rectangle

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



48.4183, 0.3146, 0.3421



48.4183, 0.3017, 0.3324



48.4183, 0.3107, 0.3164



48.4183, 0.3238, 0.3256

Sweetspot

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



48.4204, 0.3146, 0.3421



88.1171, 0.3134, 0.3339



48.0219, 0.3208, 0.3381



19.4147, 0.3134, 0.3336



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.



48.4204, 0.3146, 0.3421



86.4064, 0.3149, 0.3440



48.1445, 0.3106, 0.3395



10.9280, 0.3150, 0.3451



25.1012, 0.3148, 0.5882



1.0184, 0.3343, 0.5728

Inverse Universe

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



45.2198, 0.3107, 0.3160



79.9148, 0.3104, 0.3142



45.5093, 0.3149, 0.3187



10.0466, 0.3103, 0.3131



5.8336, 0.2472, 0.1135



0.2610, 0.2655, 0.1236

Previews

White Background



This preview shows how the Yxy color 48.4183, 0.3146, 0.3421 looks on a white background.

Color Contrast Check

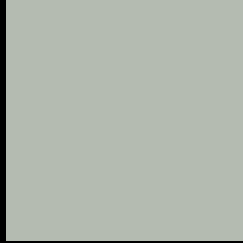
Large Text (above 18pt) WCAG AA × Fail

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 48.4183, 0.3146, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

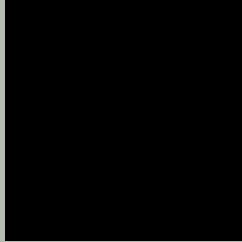
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

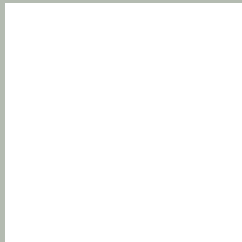
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4183, 0.3146, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 48.4183, 0.3146, 0.3421.



This preview shows how white text looks on a background with the Yxy color 48.4183, 0.3146, 0.3421.

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

48.4183, 0.3146, 0.3421

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

48.4740, 0.3356, 0.3291



Tritanopia

48.4255, 0.3012, 0.3112

Trichromacy



Original Color

48.4183, 0.3146, 0.3421

Protanomaly

48.2716, 0.3206, 0.3407

Deuteranomaly

48.4060, 0.3280, 0.3341

Tritanomaly

48.3607, 0.3064, 0.3226

Monochromacy



Original Color

48.4183, 0.3146, 0.3421

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1014, 0.3142, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4183, 0.3146, 0.3421 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(180, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 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(180, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.4183, 0.3146, 0.3421 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(180, 187, 177) }
```

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

```
.border{ border-color:rgb(180, 187, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4183, 0.3146, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 177) }
```

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

```
.background{ background-color: rgb(180,  
187, 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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