

Converting Colors

$Yxy(48.6123, 0.3146, 0.3417)$

Have a look what the booklet for
Yxy(48.6123, 0.3146, 0.3417)
contains.

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Color

Yxy(48.5788, 0.3147, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	B5BBB2
RGB	181, 187, 178
RGB Percent	71%, 73%, 70%
CMY	0.2900, 0.2667, 0.3019
CMYK	0.03, 0.00, 0.05, 0.27
HSL	100°, 6%, 72%
HSV	100°, 5%, 73%
XYZ	44.8716, 48.5788, 49.1349
YIQ	184.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

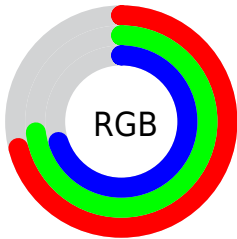
Format	Color
RYB	178, 187, 184
Decimal	11910066
CIELab	75.19, -3.73, 3.82
CIELCh	75, 5.335, 134.322
Yxy	48.5788, 0.3147, 0.3407
Android (android.graphics.Color)	4290100146 (0xFFB5BBB2)
YUV	184.1800, -3.0467, -2.7889
Hunter-Lab	69.6985, -7.0549, 6.9917

Details

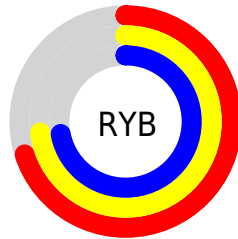
The Yxy color **48.5788, 0.3147, 0.3407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6154, 0.3106, 0.3174**, and the grayscale version is **48.0600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0462, 0.3142, 0.3381**, and **23.1201, 0.3154, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **46.4507, 0.3188, 0.3670**, and if you desaturate by 10%, it is **50.9461, 0.3106, 0.3170**.

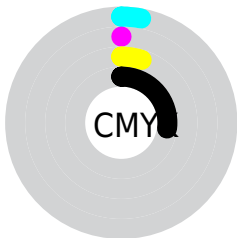
Distribution



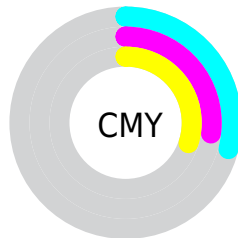
- Red (71%)
- Green (73%)
- Blue (70%)



- Red (70%)
- Yellow (73%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5788, 0.3147, 0.3407 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 48.5788, 0.3147, 0.3407 by changing the saturation by 10% instead.


 48.5788, 0.3147,
0.3407

 48.5788, 0.3147,
0.3407


381.0818, 0.3137,
0.3349

 34.2855, 0.3149,
0.3422


 88.0656, 0.3144,
0.3386

 23.1130, 0.3152,
0.3440

114.0278, 0.3142,
0.3378

 14.6770, 0.3156,
0.3465


144.6484, 0.3141,
0.3371

 8.5930, 0.3161,
0.3501

180.3119, 0.3140,
0.3365

 4.4767, 0.3169,
0.3553

221.4026, 0.3139,
0.3360

 1.9436, 0.3181,
0.3641

268.3048, 0.3139,

 0.5744, 0.3278,

0.3356

0.4138

321.4031, 0.3138,
0.3352

0.0000, 0.0000,
0.0000

48.5788, 0.3147,
0.3407

48.5788, 0.3147,
0.3407

46.4507, 0.3188,
0.3670

50.9461, 0.3106,
0.3170

44.5480, 0.3226,
0.3956

53.5536, 0.3065,
0.2959

42.8649, 0.3259,
0.4262

56.4102, 0.3026,
0.2771

41.3928, 0.3284,
0.4580

59.5225, 0.2988,
0.2606

40.1228, 0.3298,
0.4895

61.7878, 0.3066,
0.2605

■ 39.0451, 0.3297,
0.5193

■ 64.0162, 0.3158,
0.2624

■ 38.1489, 0.3281,
0.5453

■ 37.4223, 0.3248,
0.5660

■ 36.8514, 0.3202,
0.5803

Harmonies

Analogous

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



48.5788, 0.3216, 0.3418



48.5788, 0.3147, 0.3407



48.5788, 0.3073, 0.3364

Triad

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



48.5788, 0.3147, 0.3407



48.5788, 0.2995, 0.3186



48.5788, 0.3241, 0.3279

Complementary

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



48.5788, 0.3147, 0.3407



45.6154, 0.3106, 0.3174

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.



48.5788, 0.3180, 0.3218



48.5788, 0.3147, 0.3407



48.5788, 0.3038, 0.3165

Square

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



48.5788, 0.3147, 0.3407



48.5788, 0.2986, 0.3235



48.5788, 0.3106, 0.3177



48.5788, 0.3271, 0.3343

Rectangle

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



48.5788, 0.3147, 0.3407



48.5788, 0.3032, 0.3323



48.5788, 0.3106, 0.3177



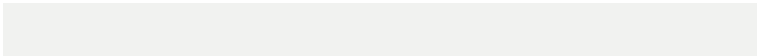
48.5788, 0.3223, 0.3257

Sweetspot

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



48.5809, 0.3147, 0.3407



88.5731, 0.3131, 0.3314



47.9953, 0.3200, 0.3365



19.5101, 0.3131, 0.3313



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.



48.5809, 0.3147, 0.3407



86.5018, 0.3152, 0.3440



48.2713, 0.3111, 0.3390



10.9410, 0.3154, 0.3451



25.2601, 0.3184, 0.5854



1.0261, 0.3383, 0.5696

Inverse Universe

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



45.6154, 0.3106, 0.3174



79.8166, 0.3100, 0.3142



45.9376, 0.3143, 0.3192



10.0333, 0.3098, 0.3131



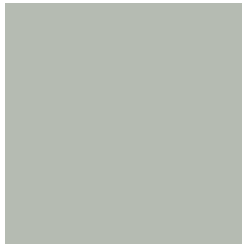
5.4473, 0.2380, 0.1085



0.2480, 0.2584, 0.1197

Previews

White Background



This preview shows how the Yxy color 48.5788, 0.3147, 0.3407 looks on a white background.

Color Contrast Check

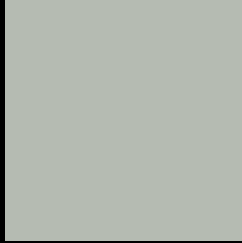
Large Text (above 18pt) WCAG AA × Fail

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 48.5788, 0.3147, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

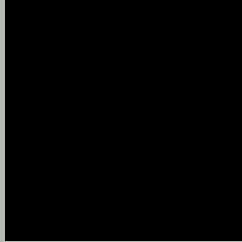
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

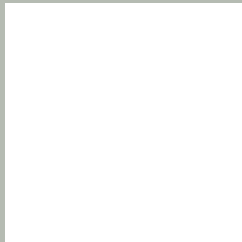
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5788, 0.3147, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 48.5788, 0.3147, 0.3407.



This preview shows how white text looks on a background with the Yxy color 48.5788, 0.3147, 0.3407.

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

48.5788, 0.3147, 0.3407

Protanopia

48.3627, 0.3242, 0.3393

Deuteranopia

48.5146, 0.3347, 0.3278



Tritanopia

48.5485, 0.3020, 0.3113

Trichromacy



Original Color

48.5788, 0.3147, 0.3407

Protanomaly

48.4370, 0.3207, 0.3393

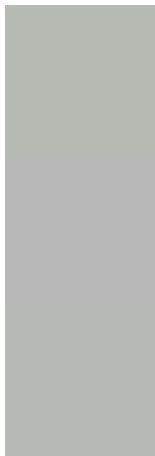
Deuteranomaly

48.4463, 0.3272, 0.3328

Tritanomaly

48.5268, 0.3064, 0.3213

Monochromacy



Original Color

48.5788, 0.3147, 0.3407

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1426, 0.3134, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5788, 0.3147, 0.3407 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(181, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 187, 178)  
}
```

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(181, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 187, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.5788, 0.3147, 0.3407 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(181, 187, 178) }
```

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

```
.border{ border-color:rgb(181, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 187,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5788, 0.3147, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 187, 178) }
```

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

```
.background{ background-color: rgb(181,  
187, 178) }
```

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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