

Converting Colors

$Yxy(47.9180, 0.3205, 0.3525)$

Have a look what the booklet for
Yxy(47.9180, 0.3205, 0.3525)
contains.

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Color

Yxy(48.1085, 0.3208, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBA9
RGB	180, 187, 169
RGB Percent	71%, 73%, 66%
CMY	0.2943, 0.2666, 0.3373
CMYK	0.04, 0.00, 0.10, 0.27
HSL	84°, 12%, 70%
HSV	84°, 10%, 73%
XYZ	43.7449, 48.1085, 44.5085
YIQ	182.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

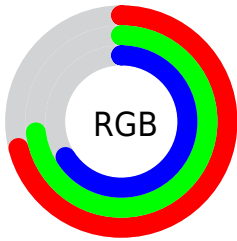
Format	Color
RYB	169, 187, 176
Decimal	11844521
CIELab	74.89, -5.74, 8.28
CIELCh	75, 10.077, 124.730
Yxy	48.1085, 0.3208, 0.3528
Android (android.graphics.Color)	4290034601 (0xFFB4BBA9)
YUV	182.8550, -6.8305, -2.5038
Hunter-Lab	69.3603, -8.8022, 10.5058

Details

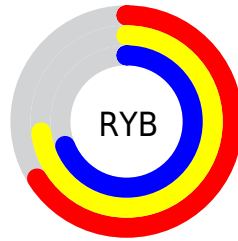
The Yxy color $48.1085, 0.3208, 0.3528$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.1952, 0.3041, 0.3050$, and the grayscale version is $47.3047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3159, 0.3197, 0.3485$, and $22.8466, 0.3227, 0.3598$ is the 20% darker color. If you saturate the color by 10%, you get $46.6018, 0.3292, 0.3792$, and if you desaturate by 10%, it is $49.7663, 0.3124, 0.3282$.

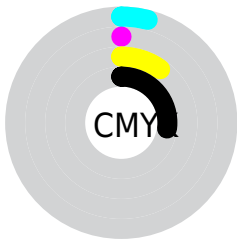
Distribution



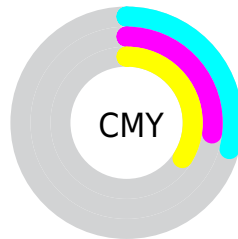
- Red (71%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1085, 0.3208, 0.3528 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 48.1085, 0.3208, 0.3528 by changing the saturation by 10% instead.


 48.1085, 0.3208,
0.3528


 48.1085, 0.3208,
0.3528


 379.2220, 0.3168,
0.3408

 33.9128, 0.3218,
0.3558


 87.3659, 0.3194,
0.3484


 22.8266, 0.3230,
0.3597


 113.1965, 0.3188,
0.3468


 14.4655, 0.3246,
0.3649


 143.6741, 0.3184,
0.3454

 8.4452, 0.3267,
0.3722

 179.1831, 0.3180,
0.3442

 4.3811, 0.3299,
0.3833

 220.1081, 0.3177,
0.3432

 1.8889, 0.3346,
0.4018

 266.8333, 0.3174,

 0.5417, 0.4041,

0.3423

0.5842

319.7431, 0.3171,
0.3415

0.0000, 0.0000,
0.0000

48.1085, 0.3208,
0.3528

48.1085, 0.3208,
0.3528

46.6018, 0.3292,
0.3792

49.7663, 0.3124,
0.3282

45.2350, 0.3373,
0.4069

51.5737, 0.3043,
0.3055

44.0049, 0.3447,
0.4353

53.5372, 0.2964,
0.2848

42.9059, 0.3510,
0.4633

55.6611, 0.2891,
0.2662

41.9318, 0.3556,
0.4898

57.4571, 0.2870,
0.2564

■ 41.0758, 0.3583,
0.5135

■ 58.6020, 0.2924,
0.2575

■ 40.3305, 0.3586,
0.5331

■ 59.7974, 0.2979,
0.2587

■ 39.6868, 0.3565,
0.5478

■ 61.0438, 0.3034,
0.2598

■ 39.1288, 0.3525,
0.5580

■ 62.3419, 0.3089,
0.2610

Harmonies

Analogous

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



48.1085, 0.3329, 0.3525



48.1085, 0.3208, 0.3528



48.1085, 0.3068, 0.3463

Triad

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



48.1085, 0.3208, 0.3528



48.1085, 0.2865, 0.3116



48.1085, 0.3311, 0.3229

Complementary

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



48.1085, 0.3208, 0.3528



41.1952, 0.3041, 0.3050

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.



48.1085, 0.3183, 0.3126



48.1085, 0.3208, 0.3528



48.1085, 0.2927, 0.3060

Square

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



48.1085, 0.3208, 0.3528



48.1085, 0.2872, 0.3221



48.1085, 0.3042, 0.3064



48.1085, 0.3390, 0.3349

Rectangle

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



48.1085, 0.3208, 0.3528



48.1085, 0.2982, 0.3391



48.1085, 0.3042, 0.3064



48.1085, 0.3272, 0.3191

Sweetspot

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



48.1106, 0.3208, 0.3528



88.0713, 0.3153, 0.3363



44.4420, 0.3284, 0.3381



19.3414, 0.3159, 0.3383



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.



48.1106, 0.3208, 0.3528



85.4324, 0.3229, 0.3594



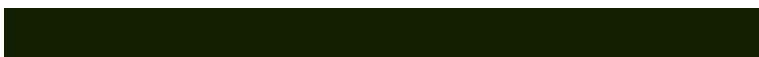
47.0807, 0.3133, 0.3533



10.9289, 0.3206, 0.3521



26.9836, 0.3532, 0.5578



1.0938, 0.3691, 0.5451

Inverse Universe

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



41.1952, 0.3041, 0.3050



70.0431, 0.3016, 0.2982



42.2629, 0.3119, 0.3056



9.4027, 0.3043, 0.3057



3.4941, 0.1843, 0.0789



0.1749, 0.2127, 0.0945

Previews

White Background



This preview shows how the Yxy color 48.1085, 0.3208, 0.3528 looks on a white background.

Color Contrast Check

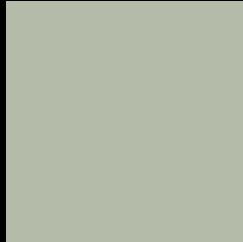
Large Text (above 18pt) WCAG AA × Fail

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 48.1085, 0.3208, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

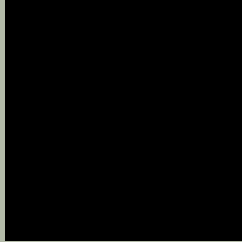
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

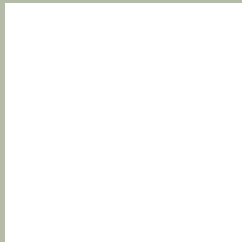
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1085, 0.3208, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 48.1085, 0.3208, 0.3528.



This preview shows how white text looks on a background with the Yxy color 48.1085, 0.3208, 0.3528.

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

48.1085, 0.3208, 0.3528

Protanopia

48.1474, 0.3324, 0.3509

Deuteranopia

48.0465, 0.3444, 0.3377



Tritanopia

48.0885, 0.3028, 0.3112

Trichromacy



Original Color

48.1085, 0.3208, 0.3528

Protanomaly

48.0899, 0.3279, 0.3511

Deuteranomaly

47.8203, 0.3357, 0.3430

Tritanomaly

47.9361, 0.3095, 0.3251

Monochromacy



Original Color

48.1085, 0.3208, 0.3528

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4404, 0.3157, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1085, 0.3208, 0.3528 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.1085, 0.3208, 0.3528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

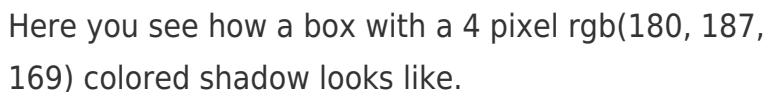
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 187, 169) }
```

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

```
.border{ border-color:rgb(180, 187, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1085, 0.3208, 0.3528 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, 169) }
```

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

```
.background{ background-color: rgb(180,  
187, 169) }
```

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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