

Converting Colors

$Yxy(47.2487, 0.3207, 0.3530)$

Have a look what the booklet for
Yxy(47.2487, 0.3207, 0.3530)
contains.

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Color

Yxy(47.4099, 0.3200, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	B2BAA8
RGB	178, 186, 168
RGB Percent	70%, 73%, 66%
CMY	0.3019, 0.2706, 0.3411
CMYK	0.04, 0.00, 0.10, 0.27
HSL	87°, 12%, 69%
HSV	87°, 10%, 73%
XYZ	42.9900, 47.4099, 43.9438
YIQ	181.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

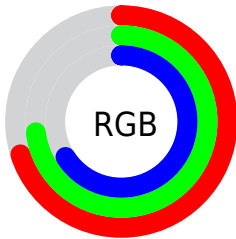
Format	Color
RYB	168, 186, 176
Decimal	11713192
CIELab	74.45, -6.07, 8.15
CIELCh	74, 10.161, 126.673
Yxy	47.4099, 0.3200, 0.3529
Android (android.graphics.Color)	4289903272 (0xFFB2BAA8)
YUV	181.5560, -6.6831, -3.1186
Hunter-Lab	68.8548, -9.0483, 10.3589

Details

The Yxy color $47.4099, 0.3200, 0.3529$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.7931, 0.3049, 0.3050$, and the grayscale version is $46.5642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3244, 0.3190, 0.3486$, and $22.3960, 0.3216, 0.3601$ is the 20% darker color. If you saturate the color by 10%, you get $45.8182, 0.3275, 0.3795$, and if you desaturate by 10%, it is $49.1639, 0.3125, 0.3282$.

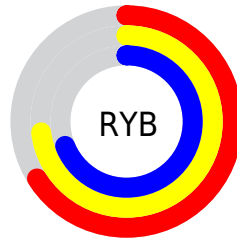
Distribution



Red (70%)

Green (73%)

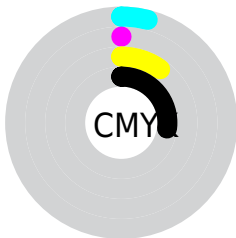
Blue (66%)



Red (66%)

Yellow (73%)

Blue (69%)

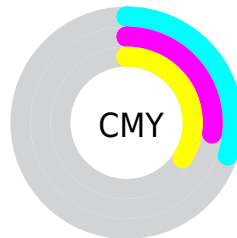


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (30%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4099, 0.3200, 0.3529 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 47.4099, 0.3200, 0.3529 by changing the saturation by 10% instead.

 47.4099, 0.3200,
0.3529


 47.4099, 0.3200,
0.3529


376.4483, 0.3164,
0.3408

 33.3598, 0.3209,
0.3559


 86.3252, 0.3187,
0.3485

 22.4022, 0.3220,
0.3599


 111.9591, 0.3182,
0.3468

 14.1527, 0.3234,
0.3652


142.2231, 0.3178,
0.3455

 8.2270, 0.3253,
0.3726

177.5017, 0.3175,
0.3443

 4.2405, 0.3281,
0.3839

218.1790, 0.3172,
0.3432

 1.8090, 0.3324,
0.4031

264.6397, 0.3169,

 0.4928, 0.3939,

0.3423

0.6061

317.2680, 0.3167,
0.3415

0.0000, 0.0000,
0.0000

47.4099, 0.3200,
0.3529

47.4099, 0.3200,
0.3529

45.8182, 0.3275,
0.3795

49.1639, 0.3125,
0.3282

44.3774, 0.3347,
0.4076

51.0790, 0.3051,
0.3056

43.0840, 0.3412,
0.4366

53.1619, 0.2980,
0.2851

41.9320, 0.3465,
0.4654

55.4171, 0.2913,
0.2667

40.9151, 0.3503,
0.4928

57.4546, 0.2890,
0.2557

■ 40.0263, 0.3522,
0.5174

■ 58.7724, 0.2952,
0.2570

■ 39.2575, 0.3518,
0.5380

■ 60.1549, 0.3014,
0.2583

■ 38.5997, 0.3490,
0.5535

■ 61.6030, 0.3076,
0.2597

■ 38.0363, 0.3446,
0.5644

■ 63.1175, 0.3139,
0.2610

Harmonies

Analogous

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



47.4099, 0.3325, 0.3530



47.4099, 0.3200, 0.3529



47.4099, 0.3058, 0.3460

Triad

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



47.4099, 0.3200, 0.3529



47.4099, 0.2864, 0.3108



47.4099, 0.3321, 0.3236

Complementary

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



47.4099, 0.3200, 0.3529



40.7931, 0.3049, 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.



47.4099, 0.3193, 0.3129



47.4099, 0.3200, 0.3529



47.4099, 0.2930, 0.3055

Square

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



47.4099, 0.3200, 0.3529



47.4099, 0.2866, 0.3212



47.4099, 0.3050, 0.3064



47.4099, 0.3396, 0.3358

Rectangle

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



47.4099, 0.3200, 0.3529



47.4099, 0.2972, 0.3384



47.4099, 0.3050, 0.3064



47.4099, 0.3282, 0.3197

Sweetspot

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



47.4120, 0.3200, 0.3529



88.0042, 0.3150, 0.3363



44.2458, 0.3283, 0.3393



19.3228, 0.3156, 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.



47.4120, 0.3200, 0.3529



85.1776, 0.3219, 0.3595



46.4061, 0.3126, 0.3534



10.2993, 0.3197, 0.3520



25.6226, 0.3453, 0.5640



0.9393, 0.3641, 0.5491

Inverse Universe

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



40.7931, 0.3049, 0.3050



70.2911, 0.3026, 0.2983



41.8503, 0.3127, 0.3056



8.9097, 0.3052, 0.3059



3.6566, 0.1933, 0.0839



0.1657, 0.2235, 0.1005

Previews

White Background



This preview shows how the Yxy color 47.4099, 0.3200, 0.3529 looks on a white background.

Color Contrast Check

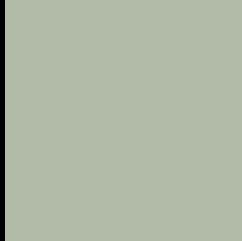
Large Text (above 18pt) WCAG AA × Fail

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 47.4099, 0.3200, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

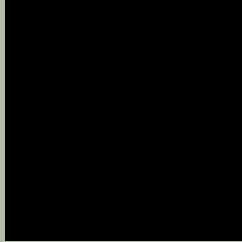
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4099, 0.3200, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 47.4099, 0.3200, 0.3529.



This preview shows how white text looks on a background with the Yxy color 47.4099, 0.3200, 0.3529.

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

47.4099, 0.3200, 0.3529

Protanopia

47.1562, 0.3326, 0.3498

Deuteranopia

47.3257, 0.3437, 0.3378



Tritanopia

47.3865, 0.3019, 0.3111

Trichromacy



Original Color

47.4099, 0.3200, 0.3529

Protanomaly

47.0961, 0.3281, 0.3500

Deuteranomaly

47.1092, 0.3349, 0.3431

Tritanomaly

47.2359, 0.3087, 0.3251

Monochromacy



Original Color

47.4099, 0.3200, 0.3529

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8651, 0.3157, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4099, 0.3200, 0.3529 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(178, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(178, 186, 168)  
}
```

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(178, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 186, 168) }
```

Border

The CSS property to change the border of an element to Yxy 47.4099, 0.3200, 0.3529 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(178, 186, 168) }
```

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

```
.border{ border-color:rgb(178, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(178, 186,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4099, 0.3200, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 186, 168) }
```

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

```
.background{ background-color: rgb(178,  
186, 168) }
```

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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