

Converting Colors

Yxy(47.1750, 0.3197, 0.3486)

Have a look what the booklet for
Yxy(47.1750, 0.3197, 0.3486)
contains.

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Color

Yxy(47.1839, 0.3194, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9AA
RGB	179, 185, 170
RGB Percent	70%, 73%, 67%
CMY	0.2980, 0.2745, 0.3334
CMYK	0.03, 0.00, 0.08, 0.27
HSL	84°, 10%, 70%
HSV	84°, 8%, 73%
XYZ	43.1944, 47.1839, 44.8578
YIQ	181.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

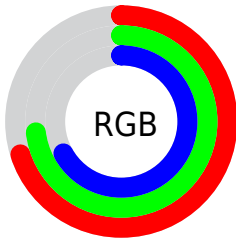
Format	Color
RYB	170, 185, 176
Decimal	11778474
CIELab	74.31, -4.84, 6.88
CIELCh	74, 8.416, 125.115
Yxy	47.1839, 0.3194, 0.3489
Android (android.graphics.Color)	4289968554 (0xFFB3B9AA)
YUV	181.4960, -5.6675, -2.1890
Hunter-Lab	68.6905, -7.9629, 9.3645

Details

The Yxy color **47.1839, 0.3194, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4807, 0.3056, 0.3090**, and the grayscale version is **46.5226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0090, 0.3185, 0.3455**, and **22.2462, 0.3208, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **45.6759, 0.3277, 0.3751**, and if you desaturate by 10%, it is **48.8419, 0.3112, 0.3246**.

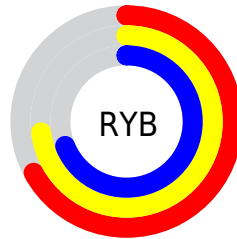
Distribution



Red (70%)

Green (73%)

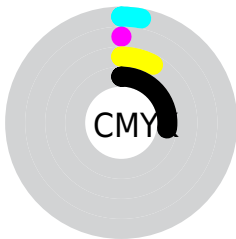
Blue (67%)



Red (67%)

Yellow (73%)

Blue (69%)

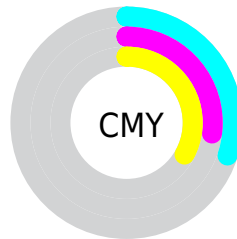


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1839, 0.3194, 0.3489 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 47.1839, 0.3194, 0.3489 by changing the saturation by 10% instead.

■ 47.1839, 0.3194,
0.3489

■ 47.1839, 0.3194,
0.3489

375.5481, 0.3161,
0.3389

■ 33.1811, 0.3202,
0.3514

■ 85.9881, 0.3182,
0.3452

■ 22.2652, 0.3212,
0.3547

111.5582, 0.3178,
0.3439

■ 14.0519, 0.3226,
0.3591

141.7528, 0.3174,
0.3427

■ 8.1568, 0.3244,
0.3653

176.9564, 0.3171,
0.3417

■ 4.1954, 0.3271,
0.3746

217.5534, 0.3168,
0.3409

■ 1.7835, 0.3313,
0.3904

263.9280, 0.3165,

■ 0.4768, 0.3943,

0.3401

0.5611

316.4648, 0.3163,
0.3395

0.0000, 0.0000,
0.0000

47.1839, 0.3194,
0.3489

47.1839, 0.3194,
0.3489

45.6759, 0.3277,
0.3751

48.8419, 0.3112,
0.3246

44.3069, 0.3357,
0.4027

50.6482, 0.3032,
0.3022

43.0739, 0.3430,
0.4310

52.6094, 0.2956,
0.2819

41.9713, 0.3494,
0.4593

54.7295, 0.2884,
0.2636

40.9931, 0.3542,
0.4862

56.5202, 0.2865,
0.2541

■ 40.1329, 0.3571,
0.5106

■ 57.6731, 0.2920,
0.2553

■ 39.3833, 0.3576,
0.5311

■ 58.8775, 0.2975,
0.2565

■ 38.7360, 0.3558,
0.5467

■ 60.1339, 0.3031,
0.2577

■ 38.1780, 0.3519,
0.5575

■ 61.4430, 0.3087,
0.2589

Harmonies

Analogous

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



47.1839, 0.3296, 0.3488



47.1839, 0.3194, 0.3489



47.1839, 0.3076, 0.3434

Triad

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



47.1839, 0.3194, 0.3489



47.1839, 0.2906, 0.3143



47.1839, 0.3283, 0.3240

Complementary

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



47.1839, 0.3194, 0.3489



41.4807, 0.3056, 0.3090

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.



47.1839, 0.3176, 0.3152



47.1839, 0.3194, 0.3489



47.1839, 0.2959, 0.3096

Square

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



47.1839, 0.3194, 0.3489



47.1839, 0.2911, 0.3232



47.1839, 0.3057, 0.3100



47.1839, 0.3348, 0.3342

Rectangle

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



47.1839, 0.3194, 0.3489



47.1839, 0.3004, 0.3374



47.1839, 0.3057, 0.3100



47.1839, 0.3250, 0.3208

Sweetspot

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



47.1859, 0.3194, 0.3489



86.2759, 0.3144, 0.3339



44.2673, 0.3257, 0.3370



18.6062, 0.3143, 0.3336



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.1859, 0.3194, 0.3489



83.9289, 0.3211, 0.3541



46.3160, 0.3130, 0.3493



10.3193, 0.3204, 0.3520



25.9701, 0.3520, 0.5587



0.9505, 0.3695, 0.5448

Inverse Universe

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



41.4807, 0.3056, 0.3090



71.3059, 0.3037, 0.3036



42.3798, 0.3123, 0.3094



8.8901, 0.3045, 0.3058



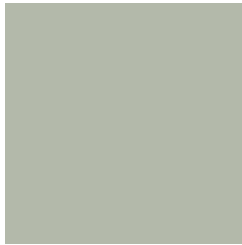
3.4167, 0.1858, 0.0797



0.1568, 0.2166, 0.0967

Previews

White Background



This preview shows how the Yxy color 47.1839, 0.3194, 0.3489 looks on a white background.

Color Contrast Check

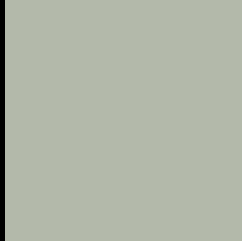
Large Text (above 18pt) WCAG AA × Fail

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 47.1839, 0.3194, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

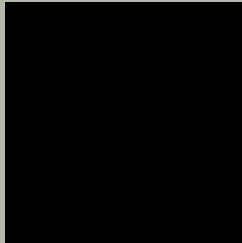
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

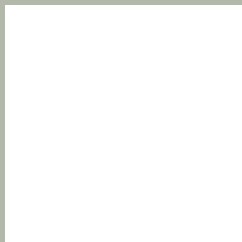
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1839, 0.3194, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 47.1839, 0.3194, 0.3489.



This preview shows how white text looks on a background with the Yxy color 47.1839, 0.3194, 0.3489.

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

47.1839, 0.3194, 0.3489

Protanopia

47.1019, 0.3301, 0.3472

Deuteranopia

46.8666, 0.3412, 0.3341



Tritanopia

47.1005, 0.3027, 0.3099

Trichromacy



Original Color

47.1839, 0.3194, 0.3489

Protanomaly

47.0458, 0.3256, 0.3474

Deuteranomaly

46.7826, 0.3334, 0.3393

Tritanomaly

46.9888, 0.3088, 0.3225

Monochromacy



Original Color

47.1839, 0.3194, 0.3489

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3335, 0.3150, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1839, 0.3194, 0.3489 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(179, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 170)  
}
```

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(179, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.1839, 0.3194, 0.3489 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(179, 185, 170) }
```

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

```
.border{ border-color:rgb(179, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1839, 0.3194, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 170) }
```

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

```
.background{ background-color: rgb(179,  
185, 170) }
```

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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