

Converting Colors

$Y_{xy}(47.8805, 0.3200, 0.3474)$

Have a look what the booklet for
Yxy(47.8805, 0.3200, 0.3474)
contains.

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Color

Yxy(47.9201, 0.3194, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	B5BAAC
RGB	181, 186, 172
RGB Percent	71%, 73%, 67%
CMY	0.2903, 0.2705, 0.3255
CMYK	0.03, 0.00, 0.08, 0.27
HSL	82°, 9%, 70%
HSV	82°, 8%, 73%
XYZ	44.0578, 47.9201, 45.9614
YIQ	182.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

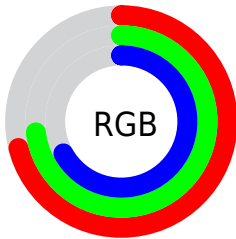
Format	Color
RYB	172, 186, 177
Decimal	11909804
CIELab	74.77, -4.31, 6.48
CIELCh	75, 7.782, 123.636
Yxy	47.9201, 0.3194, 0.3474
Android (android.graphics.Color)	4290099884 (0xFFB5BAAC)
YUV	182.9090, -5.3781, -1.6742
Hunter-Lab	69.2243, -7.5364, 9.0916

Details

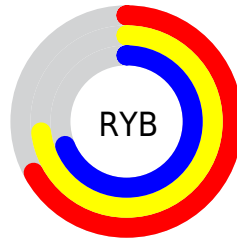
The Yxy color $47.9201, 0.3194, 0.3474$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.4066, 0.3057, 0.3104$, and the grayscale version is $47.3303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0548, 0.3186, 0.3443$, and $22.7203, 0.3208, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $46.4677, 0.3283, 0.3733$, and if you desaturate by 10%, it is $49.5155, 0.3105, 0.3232$.

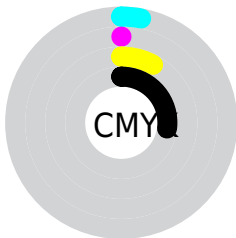
Distribution



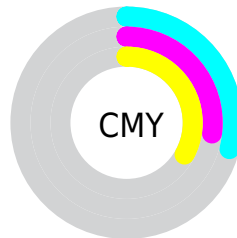
- Red (71%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9201, 0.3194, 0.3474 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 47.9201, 0.3194, 0.3474 by changing the saturation by 10% instead.


 47.9201, 0.3194,
0.3474

 47.9201, 0.3194,
0.3474


378.4753, 0.3161,
0.3382

 33.7636, 0.3202,
0.3497


 87.0854, 0.3182,
0.3440

 22.7121, 0.3212,
0.3527


112.8631, 0.3178,
0.3428

 14.3810, 0.3226,
0.3567

143.2832, 0.3174,
0.3417

 8.3862, 0.3244,
0.3623

178.7303, 0.3171,
0.3408

 4.3430, 0.3271,
0.3708

219.5886, 0.3168,
0.3400

 1.8672, 0.3314,
0.3850

266.2426, 0.3165,

 0.5286, 0.3789,

0.3393

0.5042

319.0767, 0.3163,
0.3387

0.0000, 0.0000,
0.0000

47.9201, 0.3194,
0.3474

47.9201, 0.3194,
0.3474

46.4677, 0.3283,
0.3733

49.5155, 0.3105,
0.3232

45.1473, 0.3371,
0.4006

51.2522, 0.3020,
0.3009

43.9562, 0.3452,
0.4286

53.1363, 0.2938,
0.2806

42.8890, 0.3523,
0.4563

55.1719, 0.2861,
0.2623

41.9399, 0.3579,
0.4826

56.7009, 0.2854,
0.2550

■ 41.1025, 0.3616,
0.5064

■ 57.7305, 0.2903,
0.2560

■ 40.3699, 0.3629,
0.5263

■ 58.8019, 0.2953,
0.2571

■ 39.7337, 0.3618,
0.5416

■ 59.9156, 0.3003,
0.2581

■ 39.1821, 0.3584,
0.5520

■ 61.0721, 0.3053,
0.2592

Harmonies

Analogous

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



47.9201, 0.3286, 0.3470



47.9201, 0.3194, 0.3474



47.9201, 0.3085, 0.3426

Triad

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



47.9201, 0.3194, 0.3474



47.9201, 0.2923, 0.3158



47.9201, 0.3266, 0.3240

Complementary

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



47.9201, 0.3194, 0.3474



42.4066, 0.3057, 0.3104

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.



47.9201, 0.3167, 0.3160



47.9201, 0.3194, 0.3474



47.9201, 0.2969, 0.3112

Square

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



47.9201, 0.3194, 0.3474



47.9201, 0.2930, 0.3241



47.9201, 0.3058, 0.3113



47.9201, 0.3328, 0.3334

Rectangle

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



47.9201, 0.3194, 0.3474



47.9201, 0.3018, 0.3371



47.9201, 0.3058, 0.3113



47.9201, 0.3236, 0.3210

Sweetspot

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



47.9222, 0.3194, 0.3474



88.4056, 0.3145, 0.3339



44.8281, 0.3248, 0.3355



19.4750, 0.3144, 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.



47.9222, 0.3194, 0.3474



86.4064, 0.3208, 0.3515



47.1125, 0.3136, 0.3477



10.3375, 0.3210, 0.3520



26.3142, 0.3583, 0.5537



0.9611, 0.3744, 0.5409

Inverse Universe

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



42.4066, 0.3057, 0.3104



74.3883, 0.3041, 0.3062



43.2337, 0.3117, 0.3108



8.8724, 0.3039, 0.3058



3.2236, 0.1795, 0.0762



0.1492, 0.2105, 0.0933

Previews

White Background



This preview shows how the Yxy color 47.9201, 0.3194, 0.3474 looks on a white background.

Color Contrast Check

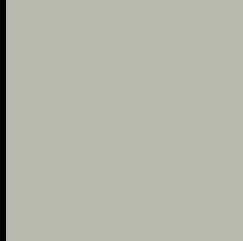
Large Text (above 18pt) WCAG AA × Fail

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 47.9201, 0.3194, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

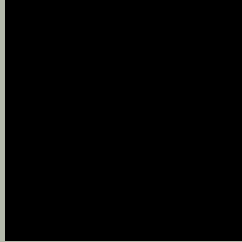
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

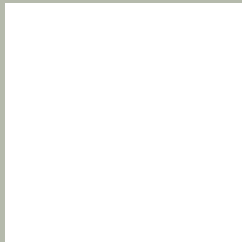
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9201, 0.3194, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 47.9201, 0.3194, 0.3474.



This preview shows how white text looks on a background with the Yxy color 47.9201, 0.3194, 0.3474.

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

47.9201, 0.3194, 0.3474

Protanopia

47.7164, 0.3292, 0.3458

Deuteranopia

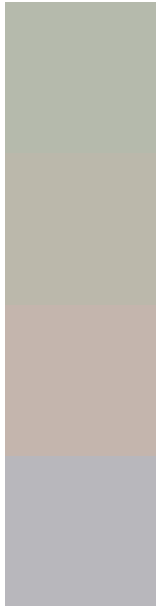
47.8759, 0.3400, 0.3340



Tritanopia

47.8014, 0.3036, 0.3100

Trichromacy



Original Color

47.9201, 0.3194, 0.3474

Protanomaly

47.7860, 0.3256, 0.3459

Deuteranomaly

47.8006, 0.3323, 0.3392

Tritanomaly

47.6882, 0.3097, 0.3226

Monochromacy



Original Color

47.9201, 0.3194, 0.3474

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4807, 0.3149, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9201, 0.3194, 0.3474 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, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 172)  
}
```

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, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.9201, 0.3194, 0.3474 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, 186, 172) }
```

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

```
.border{ border-color:rgb(181, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 186, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 186, 172); box-shadow:4px 4px 4px 4px rgb(181, 186, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9201, 0.3194, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 186, 172) }
```

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

```
.background{ background-color: rgb(181,  
186, 172) }
```

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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