

Converting Colors

$Yxy(47.8813, 0.2961, 0.3633)$

Have a look what the booklet for
Yxy(47.8813, 0.2961, 0.3633)
contains.

Yxy(47.9322, 0.2964, 0.3640)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.9322, 0.2964, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	96C2A9
RGB	150, 194, 169
RGB Percent	59%, 76%, 66%
CMY	0.4117, 0.2392, 0.3373
CMYK	0.23, 0.00, 0.13, 0.24
HSL	146°, 27%, 67%
HSV	146°, 23%, 76%
XYZ	39.0305, 47.9322, 44.7192
YIQ	177.9940, -18.1990, -17.1030

Conversions

Conversions Part 2

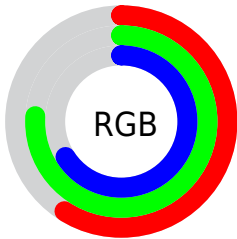
Format	Color
RYB	150, 181, 194
Decimal	9880233
CIELab	74.78, -19.66, 7.86
CIELCh	75, 21.172, 158.218
Yxy	47.9322, 0.2964, 0.3640
Android (android.graphics.Color)	4288070313 (0xFF96C2A9)
YUV	177.9940, -4.4340, -24.5507
Hunter-Lab	69.2331, -20.5276, 10.1665

Details

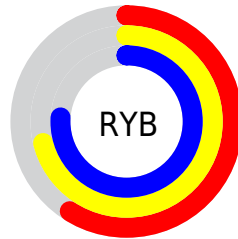
The Yxy color $47.9322, 0.2964, 0.3640$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.3829, 0.3333, 0.2965$, and the grayscale version is $44.5498, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3553, 0.2997, 0.3580$, and $22.6372, 0.2912, 0.3740$ is the 20% darker color. If you saturate the color by 10%, you get $45.8462, 0.2898, 0.3822$, and if you desaturate by 10%, it is $50.3619, 0.3035, 0.3475$.

Distribution



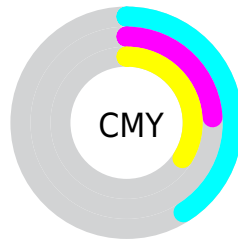
- Red (59%)
- Green (76%)
- Blue (66%)



- Red (59%)
- Yellow (71%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9322, 0.2964, 0.3640 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 47.9322, 0.2964, 0.3640 by changing the saturation by 10% instead.


 47.9322, 0.2964,
0.3640

 47.9322, 0.2964,
0.3640


378.5233, 0.3047,
0.3462

 33.7732, 0.2943,
0.3686


 87.1034, 0.2995,
0.3574

 22.7194, 0.2915,
0.3745


 112.8845, 0.3006,
0.3550

 14.3865, 0.2877,
0.3826


143.3083, 0.3016,
0.3529

 8.3899, 0.2824,
0.3940

178.7594, 0.3024,
0.3512

 4.3455, 0.2741,
0.4117

219.6220, 0.3031,
0.3497

 1.8686, 0.2599,
0.4423

266.2806, 0.3037,

 0.5294, 0.0401,

0.3483

0.9130

319.1196, 0.3042,
0.3472

0.0000, 0.0000,
0.0000

47.9322, 0.2964,
0.3640

47.9322, 0.2964,
0.3640

45.8462, 0.2898,
0.3822

50.3619, 0.3035,
0.3475

44.0821, 0.2839,
0.4020

53.1440, 0.3108,
0.3327

42.6247, 0.2792,
0.4231

56.2945, 0.3181,
0.3195

41.4552, 0.2758,
0.4451

59.8265, 0.3253,
0.3080

40.5527, 0.2741,
0.4673

63.7524, 0.3323,
0.2978

■ 39.8933, 0.2744,
0.4891

■ 65.8548, 0.3301,
0.2877

■ 39.4482, 0.2765,
0.5097

■ 66.5134, 0.3219,
0.2773

■ 39.2198, 0.2788,
0.5238

■ 67.0653, 0.3155,
0.2693

Harmonies

Analogous

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



47.9322, 0.3256, 0.3794



47.9322, 0.2964, 0.3640



47.9322, 0.2723, 0.3379

Triad

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



47.9322, 0.2964, 0.3640



47.9322, 0.2732, 0.2809



47.9322, 0.3695, 0.3431

Complementary

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



47.9322, 0.2964, 0.3640



36.3829, 0.3333, 0.2965

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.



47.9322, 0.3542, 0.3186



47.9322, 0.2964, 0.3640



47.9322, 0.2978, 0.2838

Square

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



47.9322, 0.2964, 0.3640



47.9322, 0.2594, 0.2901



47.9322, 0.3275, 0.2974



47.9322, 0.3686, 0.3654

Rectangle

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



47.9322, 0.2964, 0.3640



47.9322, 0.2621, 0.3193



47.9322, 0.3275, 0.2974



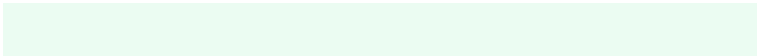
47.9322, 0.3660, 0.3349

Sweetspot

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



47.9342, 0.2964, 0.3640



93.9630, 0.3075, 0.3390



49.9798, 0.3308, 0.3878



20.5086, 0.3071, 0.3399



0.0000, 0.0000, 0.0000



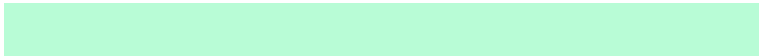
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9342, 0.2964, 0.3640



84.9682, 0.2932, 0.3725



48.8030, 0.2819, 0.3339



11.3293, 0.3059, 0.3424



25.8005, 0.2781, 0.5213



1.1286, 0.2657, 0.4765

Inverse Universe

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



36.3829, 0.3333, 0.2965



60.5117, 0.3387, 0.2893



35.6086, 0.3548, 0.3242



10.1717, 0.3202, 0.3160



8.3028, 0.4650, 0.2335



0.3723, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 47.9322, 0.2964, 0.3640 looks on a white background.

Color Contrast Check

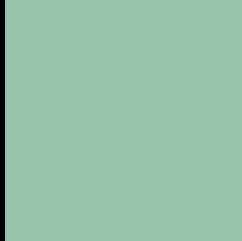
Large Text (above 18pt) WCAG AA × Fail

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 47.9322, 0.2964, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

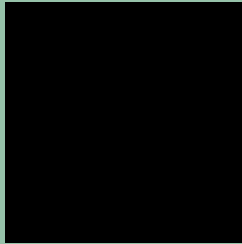
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

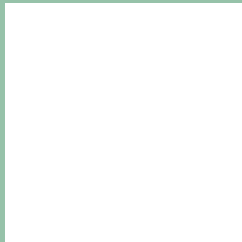
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9322, 0.2964, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 47.9322, 0.2964, 0.3640.

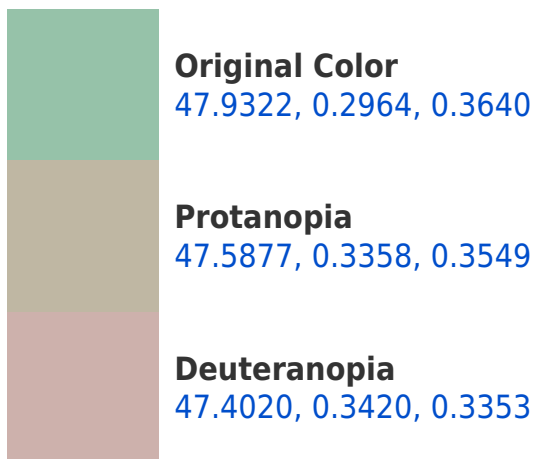


This preview shows how white text looks on a background with the Yxy color 47.9322, 0.2964, 0.3640.

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





Tritanopia

47.9229, 0.2774, 0.3091

Trichromacy



Original Color

47.9322, 0.2964, 0.3640

Protanomaly

47.4874, 0.3206, 0.3585

Deuteranomaly

47.1215, 0.3240, 0.3447

Tritanomaly

47.8932, 0.2841, 0.3289

Monochromacy



Original Color

47.9322, 0.2964, 0.3640

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.7010, 0.3063, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9322, 0.2964, 0.3640 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(150, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 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(150, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.9322, 0.2964, 0.3640 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(150, 194, 169) }
```

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

```
.border{ border-color:rgb(150, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(150, 194,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9322, 0.2964, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 169) }
```

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

```
.background{ background-color: rgb(150,  
194, 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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