

Converting Colors

$Yxy(47.5511, 0.2937, 0.3564)$

Have a look what the booklet for
Yxy(47.5511, 0.2937, 0.3564)
contains.

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Color

Yxy(47.6411, 0.2936, 0.3569)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96C1AD |
| RGB | 150, 193, 173 |
| RGB Percent | 59%, 76%, 68% |
| CMY | 0.4117, 0.2431, 0.3217 |
| CMYK | 0.22, 0.00, 0.10, 0.24 |
| HSL | 152°, 26%, 67% |
| HSV | 152°, 22%, 76% |
| XYZ | 39.1914, 47.6411, 46.6533 |
| YIQ | 177.8630, -19.2080, -15.3360 |

Conversions

Conversions Part 2

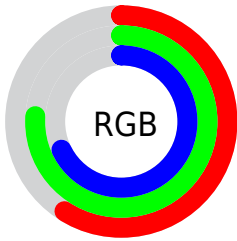
| Format | Color |
|-------------------------------------|---|
| RYB | 150, 178, 193 |
| Decimal | 9879981 |
| CIELab | 74.60, -18.36, 5.43 |
| CIELCh | 75, 19.141, 163.534 |
| Yxy | 47.6411, 0.2936, 0.3569 |
| Android (android.graphics.Color) | 4288070061 (0xFF96C1AD) |
| YUV | 177.8630, -2.3975, -24.4359 |
| Hunter-Lab | 69.0225, -19.4360, 8.2408 |

Details

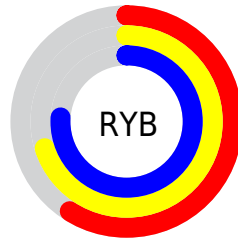
The Yxy color $47.6411, 0.2936, 0.3569$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.0614, 0.3372, 0.3027$, and the grayscale version is $44.4674, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9518, 0.2975, 0.3526$, and $22.4424, 0.2874, 0.3640$ is the 20% darker color. If you saturate the color by 10%, you get $45.6236, 0.2858, 0.3716$, and if you desaturate by 10%, it is $49.9875, 0.3020, 0.3436$.

Distribution



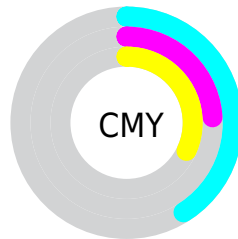
- Red (59%)
- Green (76%)
- Blue (68%)



- Red (59%)
- Yellow (70%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6411, 0.2936, 0.3569 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 47.6411, 0.2936, 0.3569 by changing the saturation by 10% instead.

■ 47.6411, 0.2936,
0.3569

■ 47.6411, 0.2936,
0.3569

377.3678, 0.3033,
0.3427

■ 33.5428, 0.2912,
0.3605

■ 86.6698, 0.2971,
0.3517

■ 22.5426, 0.2880,
0.3652

■ 112.3689, 0.2984,
0.3498

■ 14.2561, 0.2838,
0.3715

142.7038, 0.2996,
0.3481

■ 8.2990, 0.2778,
0.3805

178.0588, 0.3005,
0.3467

■ 4.2869, 0.2687,
0.3943

218.8183, 0.3013,
0.3455

■ 1.8353, 0.2534,
0.4180

265.3667, 0.3021,

■ 0.5090, 0.0496,

0.3445

0.7073

318.0884, 0.3027,
0.3436

0.0000, 0.0000,
0.0000

47.6411, 0.2936,
0.3569

47.6411, 0.2936,
0.3569

45.6236, 0.2858,
0.3716

49.9875, 0.3020,
0.3436

43.9140, 0.2788,
0.3875

52.6712, 0.3107,
0.3315

42.4977, 0.2730,
0.4045

55.7073, 0.3195,
0.3208

41.3566, 0.2687,
0.4222

59.1085, 0.3283,
0.3114

40.4708, 0.2662,
0.4404

62.8868, 0.3368,
0.3030

■ 39.8171, 0.2657,
0.4586

■ 64.9428, 0.3366,
0.2947

■ 39.3682, 0.2672,
0.4763

■ 65.4522, 0.3297,
0.2860

■ 39.1217, 0.2693,
0.4895

■ 65.9879, 0.3229,
0.2775

■ 66.5502, 0.3164,
0.2693

Harmonies

Analogous

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



47.6411, 0.3198, 0.3730



47.6411, 0.2936, 0.3569



47.6411, 0.2731, 0.3326

Triad

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



47.6411, 0.2936, 0.3569



47.6411, 0.2802, 0.2849



47.6411, 0.3651, 0.3459

Complementary

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



47.6411, 0.2936, 0.3569



36.0614, 0.3372, 0.3027

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.



47.6411, 0.3536, 0.3235



47.6411, 0.2936, 0.3569



47.6411, 0.3039, 0.2894

Square

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



47.6411, 0.2936, 0.3569



47.6411, 0.2656, 0.2915



47.6411, 0.3309, 0.3033



47.6411, 0.3617, 0.3651

Rectangle

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



47.6411, 0.2936, 0.3569



47.6411, 0.2651, 0.3161



47.6411, 0.3309, 0.3033



47.6411, 0.3628, 0.3385

Sweetspot

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



47.6431, 0.2936, 0.3569



91.9289, 0.3065, 0.3372



48.8983, 0.3262, 0.3875



19.6595, 0.3059, 0.3379



97.7402, 0.3127, 0.3290



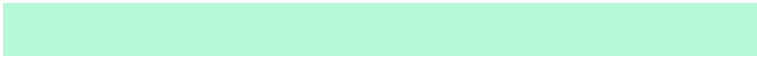
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6431, 0.2936, 0.3569



83.3926, 0.2895, 0.3643



47.8467, 0.2799, 0.3270



11.3467, 0.3045, 0.3399



26.0363, 0.2687, 0.4874



1.1388, 0.2579, 0.4486

Inverse Universe

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



36.0614, 0.3372, 0.3027



58.7846, 0.3444, 0.2963



35.8203, 0.3571, 0.3311



10.1542, 0.3218, 0.3183



8.0466, 0.5080, 0.2572



0.3616, 0.4556, 0.2283

Previews

White Background



This preview shows how the Yxy color 47.6411, 0.2936, 0.3569 looks on a white background.

Color Contrast Check

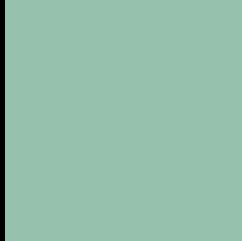
Large Text (above 18pt) WCAG AA × Fail

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 47.6411, 0.2936, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

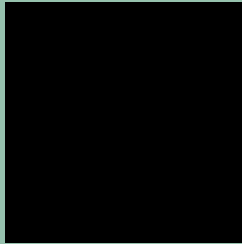
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6411, 0.2936, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 47.6411, 0.2936, 0.3569.



This preview shows how white text looks on a background with the Yxy color 47.6411, 0.2936, 0.3569.

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

47.6411, 0.2936, 0.3569

Protanopia

47.1931, 0.3318, 0.3485

Deuteranopia

47.2754, 0.3367, 0.3303



Tritanopia

47.8227, 0.2767, 0.3091

Trichromacy



Original Color

47.6411, 0.2936, 0.3569

Protanomaly

47.0963, 0.3167, 0.3518

Deuteranomaly

47.1525, 0.3199, 0.3395

Tritanomaly

47.5472, 0.2826, 0.3249

Monochromacy



Original Color

47.6411, 0.2936, 0.3569

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3264, 0.3056, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6411, 0.2936, 0.3569 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 193, 173)  
}
```

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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 193, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.6411, 0.2936, 0.3569 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, 193, 173) }
```

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

```
.border{ border-color:rgb(150, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 193,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6411, 0.2936, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 193, 173) }
```

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

```
.background{ background-color: rgb(150,  
193, 173) }
```

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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