

Converting Colors

$Yxy(47.4958, 0.3116, 0.3557)$

Have a look what the booklet for
Yxy(47.4958, 0.3116, 0.3557)
contains.

Yxy(47.6948, 0.3114, 0.3560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.6948, 0.3114, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	A9BDA9
RGB	169, 189, 169
RGB Percent	66%, 74%, 66%
CMY	0.3374, 0.2588, 0.3371
CMYK	0.11, 0.00, 0.11, 0.26
HSL	120°, 13%, 70%
HSV	120°, 11%, 74%
XYZ	41.7196, 47.6948, 44.5598
YIQ	180.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

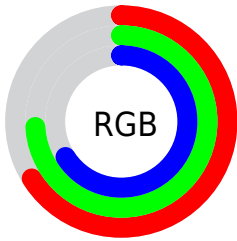
Format	Color
R _Y B	169, 189, 189
Decimal	11124137
CIE Lab	74.63, -10.67, 7.77
CIE LCh	75, 13.199, 143.915
Yxy	47.6948, 0.3114, 0.3560
Android (android.graphics.Color)	4289314217 (0xFFA9BDA9)
YUV	180.7400, -5.7878, -10.2960
Hunter-Lab	69.0614, -13.0268, 10.0879

Details

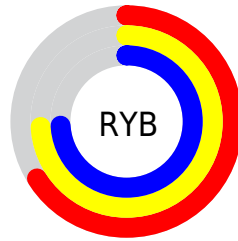
The Yxy color **47.6948, 0.3114, 0.3560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8583, 0.3140, 0.3034**, and the grayscale version is **46.0947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5339, 0.3117, 0.3510**, and **22.6746, 0.3111, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **45.0979, 0.3100, 0.3850**, and if you desaturate by 10%, it is **50.6999, 0.3126, 0.3304**.

Distribution



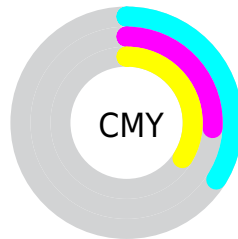
- Red (66%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)





- Cyan (34%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6948, 0.3114, 0.3560 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 47.6948, 0.3114, 0.3560 by changing the saturation by 10% instead.


 47.6948, 0.3114,
0.3560

 47.6948, 0.3114,
0.3560


377.5811, 0.3122,
0.3423

 33.5853, 0.3112,
0.3595


 86.7498, 0.3117,
0.3510

 22.5752, 0.3109,
0.3640

 112.4641, 0.3118,
0.3491

 14.2801, 0.3104,
0.3701


142.8154, 0.3119,
0.3475

 8.3158, 0.3097,
0.3787

178.1881, 0.3120,
0.3462

 4.2977, 0.3084,
0.3918

218.9666, 0.3120,
0.3450

 1.8414, 0.3059,
0.4143

265.5354, 0.3121,


 0.5128, 0.3008,


0.3440

0.6795


318.2787, 0.3121,
0.3431

 0.0000, 0.0000,
0.0000

 47.6948, 0.3114,
0.3560


 47.6948, 0.3114,
0.3560

 45.0979, 0.3100,
0.3850

 50.6999, 0.3126,
0.3304


 42.8860, 0.3084,
0.4172

 54.1234, 0.3137,
0.3082

 41.0424, 0.3068,
0.4518

 57.9826, 0.3147,
0.2890

 39.5474, 0.3051,
0.4874

 62.2920, 0.3155,
0.2726

 38.3788, 0.3035,
0.5218

 64.8787, 0.3157,
0.2644

■ 37.5124, 0.3021,
0.5522

■ 36.9203, 0.3010,
0.5762

■ 36.5697, 0.3003,
0.5918

■ 36.4000, 0.2999,
0.5998

Harmonies

Analogous

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



47.6948, 0.3295, 0.3613



47.6948, 0.3114, 0.3560



47.6948, 0.2940, 0.3427

Triad

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



47.6948, 0.3114, 0.3560



47.6948, 0.2826, 0.3006



47.6948, 0.3446, 0.3309

Complementary

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



47.6948, 0.3114, 0.3560



42.8583, 0.3140, 0.3034

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.



47.6948, 0.3313, 0.3157



47.6948, 0.3114, 0.3560



47.6948, 0.2954, 0.2984

Square

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



47.6948, 0.3114, 0.3560



47.6948, 0.2777, 0.3103



47.6948, 0.3132, 0.3039



47.6948, 0.3490, 0.3461

Rectangle

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



47.6948, 0.3114, 0.3560



47.6948, 0.2851, 0.3315



47.6948, 0.3132, 0.3039



47.6948, 0.3410, 0.3256

Sweetspot

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



47.6968, 0.3114, 0.3560



89.4094, 0.3124, 0.3364



50.0822, 0.3283, 0.3547



19.1310, 0.3123, 0.3384



95.5105, 0.3127, 0.3290



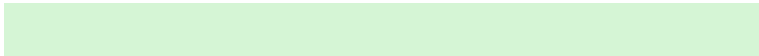
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6968, 0.3114, 0.3560



84.1341, 0.3110, 0.3632



48.0853, 0.3040, 0.3424



10.6501, 0.3116, 0.3526



24.4889, 0.2999, 0.5998



0.9594, 0.2997, 0.5989

Inverse Universe

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



42.8583, 0.3140, 0.3034



73.5275, 0.3143, 0.2970



42.4408, 0.3225, 0.3160



9.6958, 0.3138, 0.3065



9.7350, 0.3217, 0.1546



0.3815, 0.3215, 0.1545

Previews

White Background



This preview shows how the Yxy color 47.6948, 0.3114, 0.3560 looks on a white background.

Color Contrast Check

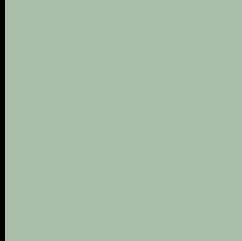
Large Text (above 18pt) WCAG AA × Fail

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 47.6948, 0.3114, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

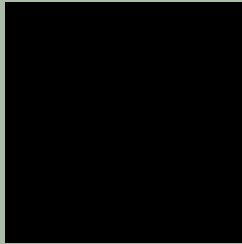
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6948, 0.3114, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 47.6948, 0.3114, 0.3560.



This preview shows how white text looks on a background with the Yxy color 47.6948, 0.3114, 0.3560.

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

47.6948, 0.3114, 0.3560

Protanopia

47.6965, 0.3334, 0.3510

Deuteranopia

47.3637, 0.3428, 0.3365



Tritanopia

47.8201, 0.2933, 0.3109

Trichromacy



Original Color

47.6948, 0.3114, 0.3560

Protanomaly

47.5552, 0.3252, 0.3527

Deuteranomaly

47.1565, 0.3313, 0.3432

Tritanomaly

47.5193, 0.2998, 0.3263

Monochromacy



Original Color

47.6948, 0.3114, 0.3560

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8024, 0.3123, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6948, 0.3114, 0.3560 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(169, 189, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 189, 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(169, 189, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 189, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.6948, 0.3114, 0.3560 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(169, 189, 169) }
```

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

```
.border{ border-color:rgb(169, 189, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 189, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 189, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 189, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 189,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6948, 0.3114, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 189, 169) }
```

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

```
.background{ background-color: rgb(169,  
189, 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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