

Converting Colors

$Yxy(47.5158, 0.3089, 0.3585)$

Have a look what the booklet for
Yxy(47.5158, 0.3089, 0.3585)
contains.

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Color

Yxy(47.6534, 0.3089, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	A5BEA8
RGB	165, 190, 168
RGB Percent	65%, 75%, 66%
CMY	0.3528, 0.2549, 0.3412
CMYK	0.13, 0.00, 0.12, 0.25
HSL	127°, 16%, 70%
HSV	127°, 13%, 75%
XYZ	41.0032, 47.6534, 44.0827
YIQ	180.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

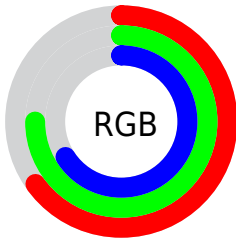
Format	Color
RYB	165, 187, 190
Decimal	10862248
CIELab	74.61, -12.74, 8.26
CIELCh	75, 15.185, 147.043
Yxy	47.6534, 0.3089, 0.3590
Android (android.graphics.Color)	4289052328 (0xFFA5BEA8)
YUV	180.0170, -5.9244, -13.1699
Hunter-Lab	69.0314, -14.7799, 10.4601

Details

The Yxy color $47.6534, 0.3089, 0.3590$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $41.4576, 0.3168, 0.3007$, and the grayscale version is $45.6907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4549, 0.3097, 0.3532$, and $22.6630, 0.3076, 0.3687$ is the 20% darker color. If you saturate the color by 10%, you get $45.1823, 0.3059, 0.3852$, and if you desaturate by 10%, it is $50.5116, 0.3118, 0.3357$.

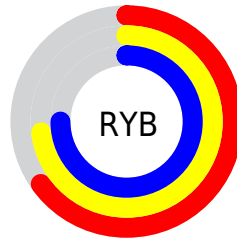
Distribution



Red (65%)

Green (75%)

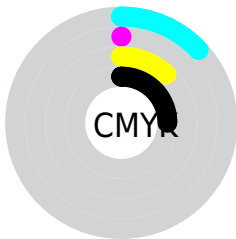
Blue (66%)



Red (65%)

Yellow (73%)

Blue (75%)

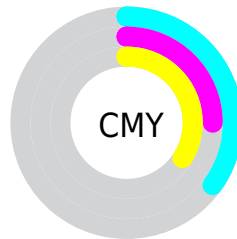


Cyan (13%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6534, 0.3089, 0.3590 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 47.6534, 0.3089, 0.3590 by changing the saturation by 10% instead.

 47.6534, 0.3089,
0.3590

 47.6534, 0.3089,
0.3590


377.4166, 0.3110,
0.3438

 33.5525, 0.3083,
0.3629


 86.6881, 0.3097,
0.3534

 22.5500, 0.3076,
0.3679


 112.3907, 0.3100,
0.3513

 14.2616, 0.3066,
0.3747


142.7294, 0.3102,
0.3496

 8.3028, 0.3050,
0.3844

178.0884, 0.3104,
0.3481

 4.2893, 0.3025,
0.3992

218.8523, 0.3106,
0.3468

 1.8367, 0.2977,
0.4248

265.4053, 0.3107,

 0.5099, 0.2540,

0.3456

0.7460

318.1320, 0.3108,
0.3446

0.0000, 0.0000,
0.0000

47.6534, 0.3089,
0.3590

47.6534, 0.3089,
0.3590

45.1823, 0.3059,
0.3852

50.5116, 0.3118,
0.3357

43.0758, 0.3030,
0.4143

53.7661, 0.3146,
0.3153

41.3185, 0.3003,
0.4455

57.4335, 0.3172,
0.2976

39.8914, 0.2981,
0.4778

61.5275, 0.3197,
0.2823

38.7736, 0.2965,
0.5097

65.0947, 0.3181,
0.2683

■ 37.9422, 0.2957,
0.5391

■ 65.3054, 0.3157,
0.2653

■ 37.3705, 0.2958,
0.5640

■ 37.0273, 0.2968,
0.5825

■ 36.8857, 0.2976,
0.5913

Harmonies

Analogous

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



47.6534, 0.3299, 0.3662



47.6534, 0.3089, 0.3590



47.6534, 0.2894, 0.3429

Triad

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



47.6534, 0.3089, 0.3590



47.6534, 0.2793, 0.2956



47.6534, 0.3505, 0.3330

Complementary

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



47.6534, 0.3089, 0.3590



41.4576, 0.3168, 0.3007

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.



47.6534, 0.3360, 0.3154



47.6534, 0.3089, 0.3590



47.6534, 0.2948, 0.2942

Square

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



47.6534, 0.3089, 0.3590



47.6534, 0.2727, 0.3059



47.6534, 0.3155, 0.3014



47.6534, 0.3544, 0.3502

Rectangle

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



47.6534, 0.3089, 0.3590



47.6534, 0.2797, 0.3297



47.6534, 0.3155, 0.3014



47.6534, 0.3467, 0.3269

Sweetspot

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



47.6554, 0.3089, 0.3590



91.0292, 0.3116, 0.3377



50.1186, 0.3296, 0.3613



19.8981, 0.3113, 0.3394



97.7402, 0.3127, 0.3290



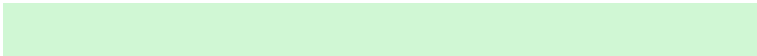
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6554, 0.3089, 0.3590



84.8908, 0.3080, 0.3669



48.1409, 0.2998, 0.3418



10.6676, 0.3100, 0.3498



24.5342, 0.2972, 0.5900



0.9672, 0.2885, 0.5585

Inverse Universe

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



41.4576, 0.3168, 0.3007



71.2890, 0.3178, 0.2939



40.9481, 0.3277, 0.3165



9.6762, 0.3155, 0.3090



9.1520, 0.3530, 0.1718



0.3641, 0.3443, 0.1670

Previews

White Background



This preview shows how the Yxy color 47.6534, 0.3089, 0.3590 looks on a white background.

Color Contrast Check

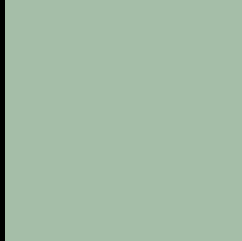
Large Text (above 18pt) WCAG AA × Fail

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 47.6534, 0.3089, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

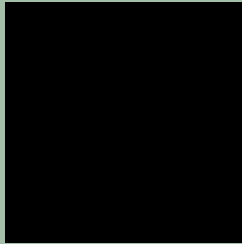
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

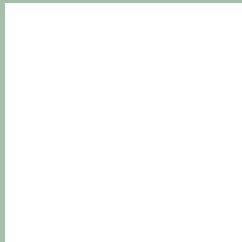
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6534, 0.3089, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 47.6534, 0.3089, 0.3590.

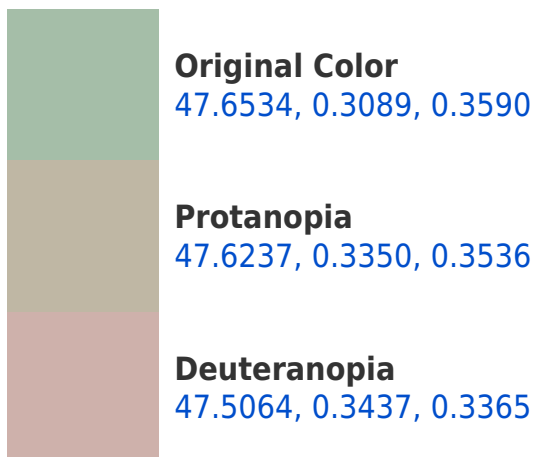


This preview shows how white text looks on a background with the Yxy color 47.6534, 0.3089, 0.3590.

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

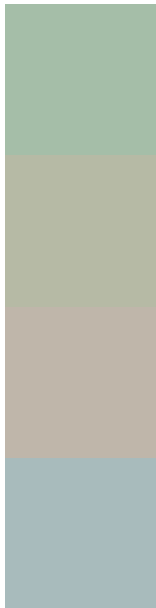




Tritanopia

47.4141, 0.2895, 0.3094

Trichromacy



Original Color

47.6534, 0.3089, 0.3590

Protanomaly

47.7795, 0.3258, 0.3567

Deuteranomaly

47.4345, 0.3302, 0.3445

Tritanomaly

47.4963, 0.2966, 0.3276

Monochromacy



Original Color

47.6534, 0.3089, 0.3590

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5295, 0.3114, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6534, 0.3089, 0.3590 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(165, 190, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 190, 168)  
}
```

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(165, 190, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 190, 168) }
```

Border

The CSS property to change the border of an element to Yxy 47.6534, 0.3089, 0.3590 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(165, 190, 168) }
```

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

```
.border{ border-color:rgb(165, 190, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 190, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 190, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 190, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 190,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6534, 0.3089, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 190, 168) }
```

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

```
.background{ background-color: rgb(165,  
190, 168) }
```

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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