

Converting Colors

$Y_{xy}(61.0220, 0.2915, 0.3771)$

Have a look what the booklet for
Yxy(61.0220, 0.2915, 0.3771)
contains.

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Color

Yxy(60.9105, 0.2916, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	9ADBB6
RGB	154, 219, 182
RGB Percent	60%, 86%, 71%
CMY	0.3960, 0.1412, 0.2864
CMYK	0.30, 0.00, 0.17, 0.14
HSL	146°, 47%, 73%
HSV	146°, 30%, 86%
XYZ	47.1002, 60.9105, 53.5127
YIQ	195.3470, -26.8630, -25.2870

Conversions

Conversions Part 2

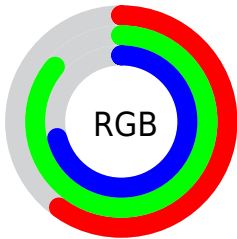
Format	Color
RYB	154, 199, 219
Decimal	10148790
CIELab	82.33, -28.17, 11.70
CIElCh	82, 30.505, 157.440
Yxy	60.9105, 0.2916, 0.3771
Android (android.graphics.Color)	4288338870 (0xFF9ADBB6)
YUV	195.3470, -6.5801, -36.2613
Hunter-Lab	78.0452, -28.8544, 13.9786

Details

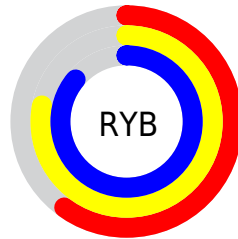
The Yxy color **60.9105, 0.2916, 0.3771** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.9398, 0.3416, 0.2855**, and the grayscale version is **54.8443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3947, 0.2950, 0.3467**, and **30.9026, 0.2860, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **58.4632, 0.2855, 0.3967**, and if you desaturate by 10%, it is **63.8009, 0.2984, 0.3592**.

Distribution



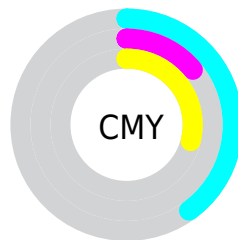
- Red (60%)
- Green (86%)
- Blue (71%)



- Red (60%)
- Yellow (78%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9105, 0.2916, 0.3771 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 60.9105, 0.2916, 0.3771 by changing the saturation by 10% instead.


 60.9105, 0.2916,
0.3771


 60.9105, 0.2916,
0.3771


427.9458, 0.3021,
0.3533

 44.1529, 0.2890,
0.3829


 106.1493, 0.2954,
0.3685

 30.7908, 0.2857,
0.3904


 135.3994, 0.2968,
0.3653

 20.4396, 0.2814,
0.4002


169.5824, 0.2980,
0.3625

 12.7150, 0.2754,
0.4138

209.0828, 0.2991,
0.3602

 7.2326, 0.2665,
0.4336

254.2849, 0.3000,
0.3581

 3.6080, 0.2524,
0.4653

305.5732, 0.3007,

 1.4568, 0.2230,

0.3563

0.5327

363.3320, 0.3014,
0.3547

0.2580, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.9105, 0.2916,
0.3771

60.9105, 0.2916,
0.3771

58.4632, 0.2855,
0.3967

63.8009, 0.2984,
0.3592

56.4289, 0.2804,
0.4177


67.1476, 0.3056,
0.3430


54.7854, 0.2766,
0.4397

70.9727, 0.3130,
0.3286

53.5055, 0.2744,
0.4621


75.2946, 0.3203,
0.3158

 52.5581, 0.2742,
0.4843

 78.4798, 0.3214,
0.3041

 51.9067, 0.2759,
0.5054

 79.1457, 0.3144,
0.2940

 51.4894, 0.2792,
0.5248

 51.4775, 0.2793,
0.5254

Harmonies

Analogous

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



60.9105, 0.3302, 0.3973



60.9105, 0.2916, 0.3771



60.9105, 0.2600, 0.3415

Triad

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



60.9105, 0.2916, 0.3771



60.9105, 0.2600, 0.2660



60.9105, 0.3883, 0.3458

Complementary

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



60.9105, 0.2916, 0.3771



41.9398, 0.3416, 0.2855

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.



60.9105, 0.3672, 0.3141



60.9105, 0.2916, 0.3771



60.9105, 0.2916, 0.2698

Square

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



60.9105, 0.2916, 0.3771



60.9105, 0.2427, 0.2777



60.9105, 0.3310, 0.2871



60.9105, 0.3874, 0.3756

Rectangle

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



60.9105, 0.2916, 0.3771



60.9105, 0.2466, 0.3162



60.9105, 0.3310, 0.2871



60.9105, 0.3835, 0.3351

Sweetspot

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



60.9130, 0.2916, 0.3771



95.0903, 0.3060, 0.3421



64.1958, 0.3363, 0.4082



20.1947, 0.3050, 0.3443



0.0000, 0.0000, 0.0000



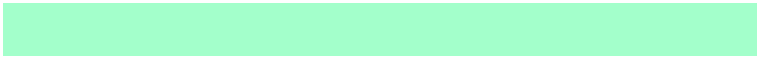
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9130, 0.2916, 0.3771



83.6246, 0.2874, 0.3899



62.3710, 0.2731, 0.3356



14.6988, 0.3058, 0.3426



30.5432, 0.2785, 0.5226



1.9958, 0.2695, 0.4903

Inverse Universe

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



41.9398, 0.3416, 0.2855



52.4581, 0.3503, 0.2755



40.6942, 0.3732, 0.3226



13.1752, 0.3203, 0.3158



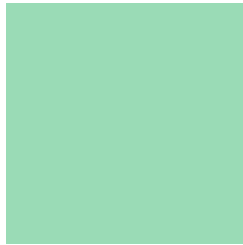
9.8272, 0.4657, 0.2339



0.6538, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 60.9105, 0.2916, 0.3771 looks on a white background.

Color Contrast Check

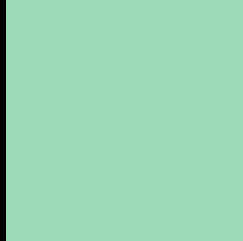
Large Text (above 18pt) WCAG AA × Fail

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 60.9105, 0.2916, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

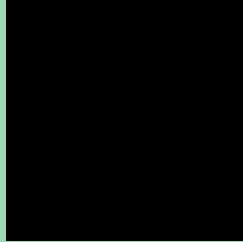
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9105, 0.2916, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 60.9105, 0.2916, 0.3771.



This preview shows how white text looks on a background with the Yxy color 60.9105, 0.2916, 0.3771.

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

60.9105, 0.2916, 0.3771

Protanopia

60.6888, 0.3435, 0.3641

Deuteranopia

60.3434, 0.3472, 0.3403



Tritanopia

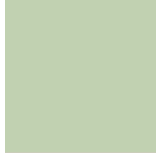
60.6366, 0.2695, 0.3083

Trichromacy



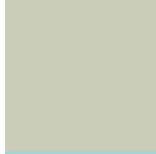
Original Color

60.9105, 0.2916, 0.3771



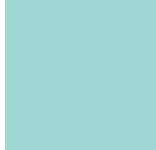
Protanomaly

60.1127, 0.3230, 0.3682



Deuteranomaly

59.7220, 0.3247, 0.3530



Tritanomaly

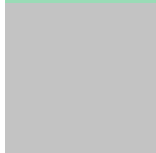
60.8279, 0.2771, 0.3326

Monochromacy



Original Color

60.9105, 0.2916, 0.3771



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.6067, 0.3043, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9105, 0.2916, 0.3771 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(154, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 182)  
}
```

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(154, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 182) }
```

Border

The CSS property to change the border of an element to Yxy 60.9105, 0.2916, 0.3771 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(154, 219, 182) }
```

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

```
.border{ border-color:rgb(154, 219, 182) }
```

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

Here you see how a box with a 4 pixel rgb(154, 219, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9105, 0.2916, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 182) }
```

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

```
.background{ background-color: rgb(154,  
219, 182) }
```

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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