

Converting Colors

$Yxy(62.9271, 0.2894, 0.3602)$

Have a look what the booklet for
Yxy(62.9271, 0.2894, 0.3602)
contains.

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Color

Yxy(62.9131, 0.2896, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	A3DCC3
RGB	163, 220, 195
RGB Percent	64%, 86%, 76%
CMY	0.3606, 0.1373, 0.2354
CMYK	0.26, 0.00, 0.11, 0.14
HSL	154°, 45%, 75%
HSV	154°, 26%, 86%
XYZ	50.5539, 62.9131, 61.0976
YIQ	200.1070, -25.9470, -19.8590

Conversions

Conversions Part 2

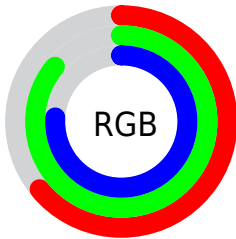
Format	Color
RYB	163, 200, 220
Decimal	10738883
CIELab	83.40, -23.32, 6.41
CIELCh	83, 24.187, 164.629
Yxy	62.9131, 0.2896, 0.3604
Android (android.graphics.Color)	4288928963 (0xFFA3DCC3)
YUV	200.1070, -2.5178, -32.5428
Hunter-Lab	79.3178, -25.0375, 9.8520

Details

The Yxy color **62.9131, 0.2896, 0.3604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0620, 0.3439, 0.2997**, and the grayscale version is **57.8628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6083, 0.2927, 0.3320**, and **32.1484, 0.2840, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **60.3679, 0.2817, 0.3748**, and if you desaturate by 10%, it is **65.8958, 0.2982, 0.3473**.

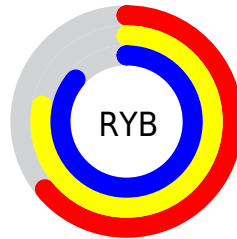
Distribution



Red (64%)

Green (86%)

Blue (76%)



Red (64%)

Yellow (78%)

Blue (86%)

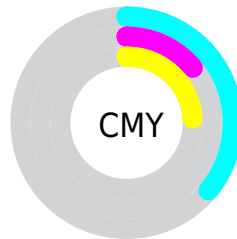


Cyan (26%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (36%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9131, 0.2896, 0.3604 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 62.9131, 0.2896, 0.3604 by changing the saturation by 10% instead.


 62.9131, 0.2896,
0.3604


 62.9131, 0.2896,
0.3604


435.2540, 0.3007,
0.3452

 45.7709, 0.2869,
0.3641


 109.0441, 0.2936,
0.3550

 32.0651, 0.2836,
0.3687


 138.8018, 0.2951,
0.3529

 21.4112, 0.2792,
0.3748


173.5333, 0.2964,
0.3511

 13.4249, 0.2734,
0.3831

213.6232, 0.2975,
0.3496

 7.7218, 0.2650,
0.3949

259.4559, 0.2984,
0.3483

 3.9174, 0.2523,
0.4134

311.4156, 0.2993,

 1.6275, 0.2303,

0.3471

0.4460

369.8869, 0.3001,
0.3461

0.3760, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9131, 0.2896,
0.3604

62.9131, 0.2896,
0.3604

60.3679, 0.2817,
0.3748

65.8958, 0.2982,
0.3473

58.2309, 0.2748,
0.3902


69.3280, 0.3073,
0.3354


56.4815, 0.2693,
0.4067


73.2312, 0.3165,
0.3248


55.0937, 0.2655,
0.4237

77.6227, 0.3258,
0.3154


 54.0386, 0.2636,
0.4410


 78.9335, 0.3221,
0.3061

 53.2825, 0.2638,
0.4582

 79.5338, 0.3156,
0.2969

 52.7837, 0.2659,
0.4748

 79.6642, 0.3143,
0.2950

 52.6233, 0.2671,
0.4815

Harmonies

Analogous

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



62.9131, 0.3195, 0.3796



62.9131, 0.2896, 0.3604



62.9131, 0.2666, 0.3319

Triad

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



62.9131, 0.2896, 0.3604



62.9131, 0.2762, 0.2785



62.9131, 0.3733, 0.3490

Complementary

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



62.9131, 0.2896, 0.3604



45.0620, 0.3439, 0.2997

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.



62.9131, 0.3606, 0.3235



62.9131, 0.2896, 0.3604



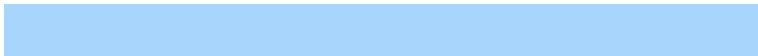
62.9131, 0.3035, 0.2842

Square

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



62.9131, 0.2896, 0.3604



62.9131, 0.2592, 0.2853



62.9131, 0.3346, 0.3003



62.9131, 0.3686, 0.3709

Rectangle

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



62.9131, 0.2896, 0.3604



62.9131, 0.2578, 0.3128



62.9131, 0.3346, 0.3003



62.9131, 0.3709, 0.3405

Sweetspot

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



62.9157, 0.2896, 0.3604



95.7704, 0.3053, 0.3379



64.6080, 0.3277, 0.3986



20.3388, 0.3039, 0.3396



0.0000, 0.0000, 0.0000



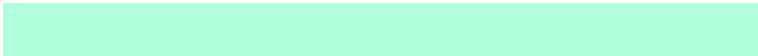
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9157, 0.2896, 0.3604



85.9262, 0.2852, 0.3680



62.6616, 0.2746, 0.3254



14.7279, 0.3040, 0.3395



30.9082, 0.2664, 0.4790



2.0196, 0.2589, 0.4521

Inverse Universe

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



45.0620, 0.3439, 0.2997



56.9779, 0.3525, 0.2933



45.0975, 0.3669, 0.3326



13.1461, 0.3223, 0.3188



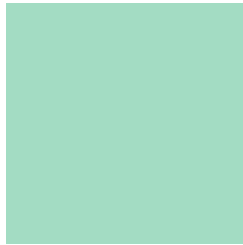
9.4541, 0.5205, 0.2641



0.6296, 0.4799, 0.2417

Previews

White Background



This preview shows how the Yxy color 62.9131, 0.2896, 0.3604 looks on a white background.

Color Contrast Check

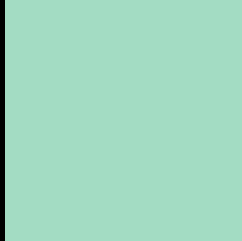
Large Text (above 18pt) WCAG AA × Fail

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 62.9131, 0.2896, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

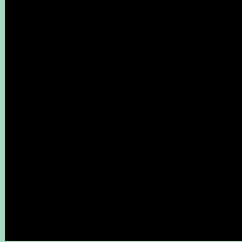
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

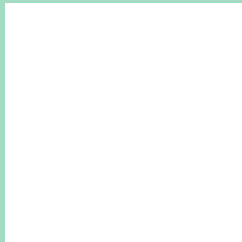
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9131, 0.2896, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 62.9131, 0.2896, 0.3604.

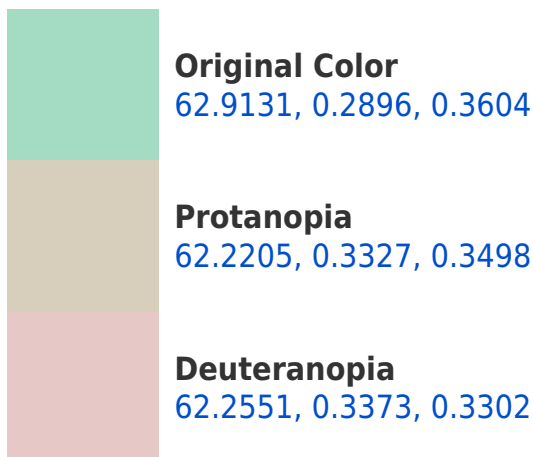


This preview shows how white text looks on a background with the Yxy color 62.9131, 0.2896, 0.3604.

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

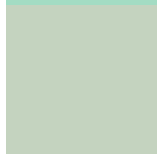
62.9731, 0.2718, 0.3087

Trichromacy



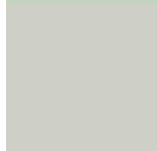
Original Color

62.9131, 0.2896, 0.3604



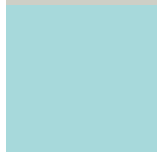
Protanomaly

62.0859, 0.3153, 0.3530



Deuteranomaly

61.8247, 0.3183, 0.3395



Tritanomaly

62.9557, 0.2776, 0.3265

Monochromacy



Original Color

62.9131, 0.2896, 0.3604



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.2677, 0.3040, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9131, 0.2896, 0.3604 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(163, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 220, 195)  
}
```

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(163, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 220, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.9131, 0.2896, 0.3604 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(163, 220, 195) }
```

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

```
.border{ border-color:rgb(163, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 220, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 220, 195); box-shadow:4px 4px 4px 4px rgb(163, 220, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9131, 0.2896, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 220, 195) }
```

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

```
.background{ background-color: rgb(163,  
220, 195) }
```

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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