

Converting Colors

$Yxy(65.6971, 0.2991, 0.3921)$

Have a look what the booklet for
Yxy(65.6971, 0.2991, 0.3921)
contains.

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Color

Yxy(65.6896, 0.2993, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	A1E3B1
RGB	161, 227, 177
RGB Percent	63%, 89%, 69%
CMY	0.3683, 0.1099, 0.3058
CMYK	0.29, 0.00, 0.22, 0.11
HSL	135°, 54%, 76%
HSV	135°, 29%, 89%
XYZ	50.1170, 65.6896, 51.6408
YIQ	201.5660, -23.2860, -29.5420

Conversions

Conversions Part 2

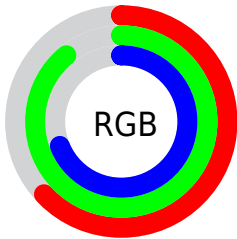
Format	Color
RYB	161, 214, 227
Decimal	10609585
CIELab	84.84, -30.70, 17.89
CIElCh	85, 35.535, 149.775
Yxy	65.6896, 0.2993, 0.3923
Android (android.graphics.Color)	4288799665 (0xFFA1E3B1)
YUV	201.5660, -12.1110, -35.5764
Hunter-Lab	81.0491, -31.4599, 18.9575

Details

The Yxy color **65.6896, 0.2993, 0.3923** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.5553, 0.3297, 0.2731**, and the grayscale version is **58.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1549, 0.3019, 0.3518**, and **33.7069, 0.2949, 0.4097** is the 20% darker color. If you saturate the color by 10%, you get **62.8989, 0.2952, 0.4187**, and if you desaturate by 10%, it is **69.0005, 0.3038, 0.3681**.

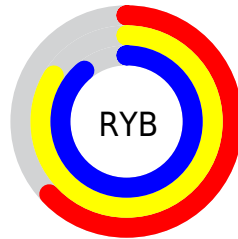
Distribution



Red (63%)

Green (89%)

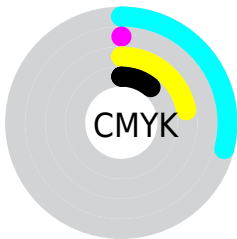
Blue (69%)



Red (63%)

Yellow (84%)

Blue (89%)

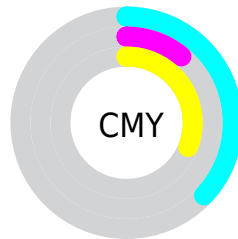


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (37%)


Magenta (11%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6896, 0.2993, 0.3923 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 65.6896, 0.2993, 0.3923 by changing the saturation by 10% instead.

 65.6896, 0.2993,
0.3923


 65.6896, 0.2993,
0.3923


445.2660, 0.3063,
0.3612

 48.0205, 0.2975,
0.3999


 113.0407, 0.3019,
0.3811

 33.8431, 0.2952,
0.4095


 143.4915, 0.3028,
0.3769

 22.7731, 0.2920,
0.4222


178.9716, 0.3036,
0.3733

 14.4260, 0.2875,
0.4395

219.8654, 0.3043,
0.3702

 8.4176, 0.2806,
0.4644

266.5574, 0.3049,
0.3675

 4.3633, 0.2692,
0.5033

319.4319, 0.3054,

 1.8788, 0.2514,

0.3651

0.5819

378.8733, 0.3059,
0.3630

■ 0.5356, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6896, 0.2993,
0.3923

■ 65.6896, 0.2993,
0.3923

■ 62.8989, 0.2952,
0.4187

■ 69.0005, 0.3038,
0.3681

■ 60.5938, 0.2917,
0.4469

■ 72.8478, 0.3085,
0.3464

■ 58.7483, 0.2892,
0.4759

■ 77.2572, 0.3132,
0.3273

■ 57.3305, 0.2880,
0.5045

■ 82.2502, 0.3177,
0.3104

■ 56.3043, 0.2882,
0.5312

■ 83.4111, 0.3140,
0.3019

■ 55.6275, 0.2899,
0.5543

■ 55.2361, 0.2926,
0.5727

■ 55.2057, 0.2929,
0.5743

Harmonies

Analogous

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



65.6896, 0.3432, 0.4089



65.6896, 0.2993, 0.3923



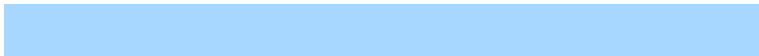
65.6896, 0.2608, 0.3543

Triad

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



65.6896, 0.2993, 0.3923



65.6896, 0.2465, 0.2596



65.6896, 0.3948, 0.3381

Complementary

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



65.6896, 0.2993, 0.3923



46.5553, 0.3297, 0.2731

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.



65.6896, 0.3652, 0.3035



65.6896, 0.2993, 0.3923



65.6896, 0.2783, 0.2599

Square

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



65.6896, 0.2993, 0.3923



65.6896, 0.2320, 0.2769



65.6896, 0.3216, 0.2757



65.6896, 0.4002, 0.3731

Rectangle

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



65.6896, 0.2993, 0.3923



65.6896, 0.2428, 0.3249



65.6896, 0.3216, 0.2757



65.6896, 0.3873, 0.3262

Sweetspot

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



65.6924, 0.2993, 0.3923



94.8336, 0.3085, 0.3465



71.4467, 0.3449, 0.4043



20.1317, 0.3078, 0.3495



0.0000, 0.0000, 0.0000



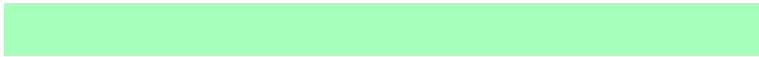
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6924, 0.2993, 0.3923



83.2017, 0.2967, 0.4084



67.1413, 0.2805, 0.3504



16.1460, 0.3083, 0.3473



32.2156, 0.2922, 0.5720



2.3950, 0.2845, 0.5441

Inverse Universe

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



46.5553, 0.3297, 0.2731



54.3492, 0.3343, 0.2611



45.0903, 0.3598, 0.3088



14.5525, 0.3175, 0.3114



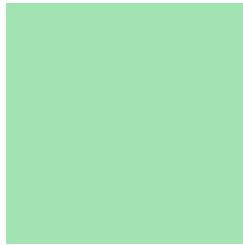
11.2835, 0.3931, 0.1939



0.8481, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 65.6896, 0.2993, 0.3923 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 65.6896, 0.2993, 0.3923 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 65.6896, 0.2993, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 65.6896, 0.2993, 0.3923.

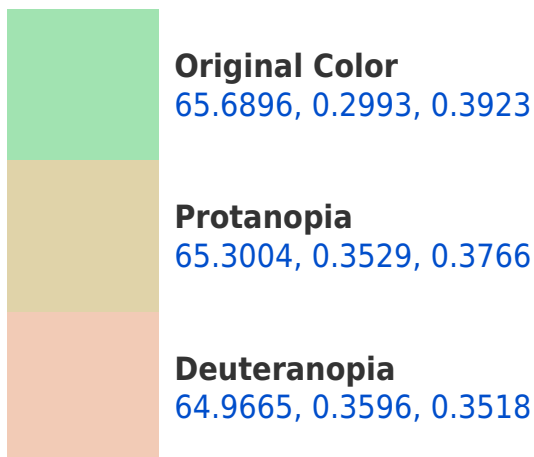


This preview shows how white text looks on a background with the Yxy color 65.6896, 0.2993, 0.3923.

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

65.4898, 0.2712, 0.3090

Trichromacy



Original Color

65.6896, 0.2993, 0.3923



Protanomaly

65.0218, 0.3315, 0.3825



Deuteranomaly

64.5284, 0.3360, 0.3661



Tritanomaly

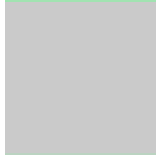
65.4737, 0.2810, 0.3374

Monochromacy



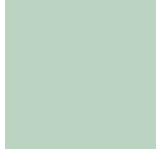
Original Color

65.6896, 0.2993, 0.3923



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.0036, 0.3073, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6896, 0.2993, 0.3923 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(161, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(161, 227, 177)  
}
```

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(161, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 227, 177) }
```

Border

The CSS property to change the border of an element to Yxy 65.6896, 0.2993, 0.3923 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(161, 227, 177) }
```

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

```
.border{ border-color:rgb(161, 227, 177) }
```

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

Here you see how a box with a 4 pixel rgb(161, 227, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 227, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 227, 177);  
box-shadow:4px 4px 4px 4px rgb(161, 227,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6896, 0.2993, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 227, 177) }
```

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

```
.background{ background-color: rgb(161,  
227, 177) }
```

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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