

Converting Colors

Yxy(62.4898, 0.2620, 0.4330)

Have a look what the booklet for
Yxy(62.4898, 0.2620, 0.4330)
contains.

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Color

Yxy(62.3795, 0.2622, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	3CEAA1
RGB	60, 234, 161
RGB Percent	24%, 92%, 63%
CMY	0.7644, 0.0823, 0.3687
CMYK	0.74, 0.00, 0.31, 0.08
HSL	155°, 81%, 58%
HSV	155°, 74%, 92%
XYZ	37.7212, 62.3795, 43.7635
YIQ	173.6520, -80.2710, -59.5910

Conversions

Conversions Part 2

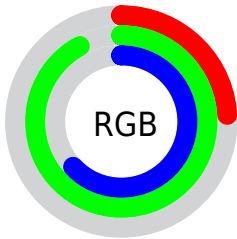
Format	Color
RYB	60, 170, 234
Decimal	3992225
CIELab	83.11, -59.78, 23.29
CIELCh	83, 64.156, 158.715
Yxy	62.3795, 0.2622, 0.4336
Android (android.graphics.Color)	4282182305 (0xFF3CEAA1)
YUV	173.6520, -6.2374, -99.6728
Hunter-Lab	78.9807, -52.9646, 22.4337

Details

The Yxy color **62.3795, 0.2622, 0.4336** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **22.4276, 0.4591, 0.2588**, and the grayscale version is **42.2137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3032, 0.2657, 0.3756**, and **32.5484, 0.2610, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **61.4733, 0.2619, 0.4501**, and if you desaturate by 10%, it is **63.6399, 0.2645, 0.4171**.

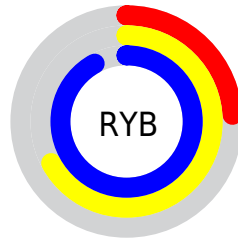
Distribution



Red (24%)

Green (92%)

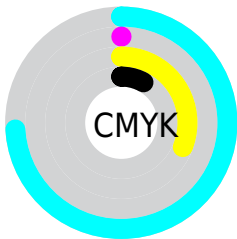
Blue (63%)



Red (24%)

Yellow (67%)

Blue (92%)

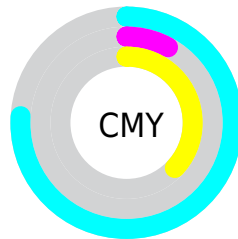


Cyan (74%)

Magenta (0%)

Yellow (31%)

Black (8%)



Cyan (76%)


Magenta (8%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3795, 0.2622, 0.4336 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 62.3795, 0.2622, 0.4336 by changing the saturation by 10% instead.

 62.3795, 0.2622,
0.4336


 62.3795, 0.2622,
0.4336


433.3140, 0.2878,
0.3805

 45.3394, 0.2558,
0.4470


 108.2738, 0.2715,
0.4142


 31.7249, 0.2475,
0.4642


 137.8969, 0.2750,
0.4069

 21.1514, 0.2365,
0.4872


 172.4830, 0.2780,
0.4008

 13.2347, 0.2213,
0.5192

 212.4166, 0.2805,
0.3956

 7.5904, 0.1989,
0.5662

258.0822, 0.2827,
0.3910

 3.8340, 0.1637,
0.6406

309.8640, 0.2846,

 1.5811, 0.0000,

0.3871

1.0000

368.1465, 0.2863,
0.3836

■ 0.3448, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3795, 0.2622,
0.4336

■ 62.3795, 0.2622,
0.4336

■ 61.4733, 0.2619,
0.4501

■ 63.6399, 0.2645,
0.4171

■ 60.8672, 0.2637,
0.4662

■ 65.2854, 0.2688,
0.4008

■ 60.6174, 0.2653,
0.4751


■ 67.3514, 0.2747,
0.3853


■ 69.8674, 0.2819,
0.3706

 72.8602, 0.2902,
0.3571

 76.3542, 0.2992,
0.3447

 80.3723, 0.3086,
0.3335

 84.9359, 0.3182,
0.3235

 86.9706, 0.3172,
0.3141

Harmonies

Analogous

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



62.3795, 0.3380, 0.4780



62.3795, 0.2622, 0.4336



62.3795, 0.2043, 0.3481

Triad

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



62.3795, 0.2622, 0.4336



62.3795, 0.2108, 0.2073



62.3795, 0.4711, 0.3555

Complementary

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



62.3795, 0.2622, 0.4336



22.4276, 0.4591, 0.2588

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.



62.3795, 0.4294, 0.2982



62.3795, 0.2622, 0.4336



62.3795, 0.2706, 0.2175

Square

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



62.3795, 0.2622, 0.4336



62.3795, 0.1793, 0.2232



62.3795, 0.3515, 0.2497



62.3795, 0.4617, 0.4143

Rectangle

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



62.3795, 0.2622, 0.4336



62.3795, 0.1823, 0.2930



62.3795, 0.3515, 0.2497



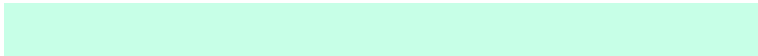
62.3795, 0.4627, 0.3359

Sweetspot

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



62.3820, 0.2622, 0.4336



89.4434, 0.2921, 0.3542



64.3609, 0.3380, 0.5397



18.9119, 0.2898, 0.3577



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.



62.3820, 0.2622, 0.4336



74.2962, 0.2626, 0.4584



59.3619, 0.2268, 0.3135



17.0087, 0.3037, 0.3391



34.0890, 0.2646, 0.4726



2.6959, 0.2585, 0.4506

Inverse Universe

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



22.4276, 0.4591, 0.2588



23.5310, 0.5040, 0.2621



22.4113, 0.5603, 0.3390



15.1590, 0.3227, 0.3191



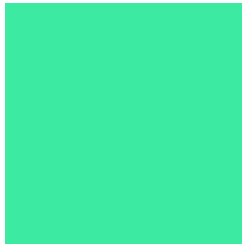
10.3516, 0.5293, 0.2690



0.8317, 0.4937, 0.2493

Previews

White Background



This preview shows how the Yxy color 62.3795, 0.2622, 0.4336 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 62.3795, 0.2622, 0.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

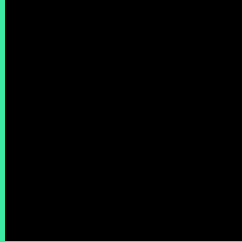
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3795, 0.2622, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 62.3795, 0.2622, 0.4336.

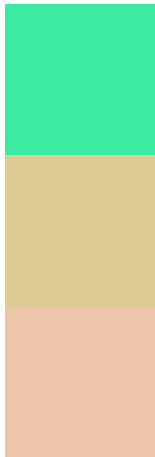


This preview shows how white text looks on a background with the Yxy color 62.3795, 0.2622, 0.4336.

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

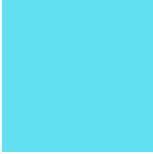
62.3795, 0.2622, 0.4336

Protanopia

61.1729, 0.3677, 0.3947

Deuteranopia

60.8016, 0.3675, 0.3601



Tritanopia

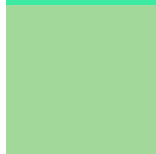
62.2635, 0.2341, 0.3061

Trichromacy



Original Color

62.3795, 0.2622, 0.4336



Protanomaly

59.0930, 0.3151, 0.4119



Deuteranomaly

57.7306, 0.3152, 0.3858



Tritanomaly

62.1757, 0.2435, 0.3488

Monochromacy



Original Color

62.3795, 0.2622, 0.4336



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

47.3310, 0.2843, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3795, 0.2622, 0.4336 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(60, 234, 161)` looks like.

```
.text, #text, p{  
  color:rgb(60, 234, 161)  
}
```

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(60, 234, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 234, 161) }
```

Border

The CSS property to change the border of an element to Yxy 62.3795, 0.2622, 0.4336 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(60, 234, 161) }
```

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

```
.border{ border-color:rgb(60, 234, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 234, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 234, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 234, 161);  
box-shadow:4px 4px 4px 4px rgb(60, 234,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3795, 0.2622, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 234, 161) }
```

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

```
.background{ background-color: rgb(60, 234,  
161) }
```

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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