

Converting Colors

YUV(158.7370, 1.6087,
-96.2393)

Have a look what the booklet for
YUV(158.7370, 1.6087, -96.2393)
contains.

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Color

**YUV(158.7370, 1.6087,
-96.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	31D6A2
RGB	49, 214, 162
RGB Percent	19%, 84%, 64%
CMY	0.8078, 0.1608, 0.3647
CMYK	0.77, 0.00, 0.24, 0.16
HSL	161°, 67%, 52%
HSV	161°, 77%, 84%
XYZ	31.8348, 51.3547, 42.4170
YIQ	158.7370, -81.6480, -51.1520

Conversions

Conversions Part 2

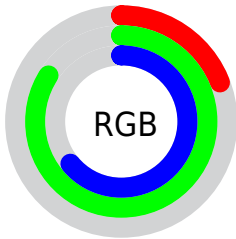
Format	Color
RYB	49, 147, 214
Decimal	3266210
CIELab	76.89, -53.17, 14.09
CIELCh	77, 55.003, 165.154
Yxy	51.3547, 0.2534, 0.4089
Android (android.graphics.Color)	4281456290 (0xFF31D6A2)
YUV	158.7370, 1.6087, -96.2393
Hunter-Lab	71.6622, -46.1132, 15.0697




Details

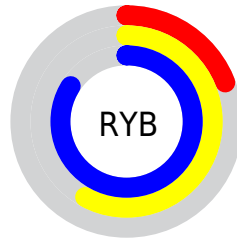
The YUV color **158.7370, 1.6087, -96.2393** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **104.2630, -1.6087, 96.2393**, and the grayscale version is **159.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **210.6020, 3.1542, -78.5810**, and **105.2860, 2.3240, -92.3358** is the 20% darker color. If you saturate the color by 10%, you get **151.6600, 1.6466, -108.4498**, and if you desaturate by 10%, it is **165.8140, 1.5707, -84.0289**.

Distribution







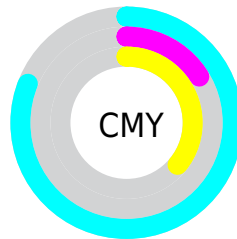
-  Red (19%)
-  Green (84%)
-  Blue (64%)






-  Red (19%)
-  Yellow (58%)
-  Blue (84%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (16%)



-  Cyan (81%)
-  Magenta (16%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7370, 1.6087, -96.2393 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 YUV color 158.7370, 1.6087, -96.2393 by changing the saturation by 10% instead.

■ 158.7370, 1.6087,
-96.2393

■ 158.7370, 1.6087,
-96.2393

■ 255.0000, 0.0000,
0.0000

■ 124.6860, 5.5778,
-109.3496

■ 210.6020, 3.1542,
-78.5810

■ 105.2860, 2.3240,
-92.3358

■ 223.0630, 10.8149,
-62.3223

■ 86.7010, -0.3456,
-76.0368

■ 233.4720, 10.6133,
-44.2639

■ 68.7030, -3.3046,
-60.2525

■ 242.4420, 6.1911,
-25.8206

■ 51.5200, -5.6794,
-45.1830

■ 251.7110, 1.6215,
-6.7625

■ 34.5650, -7.1805,
-30.3135

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 158.7370, 1.6087,
-96.2393

■ 158.7370, 1.6087,
-96.2393

■ 151.6600, 1.6466,
-108.4498

■ 165.8140, 1.5707,
-84.0289

■ 144.3980, 2.2688,
-121.3750

■ 173.0760, 0.9485,
-71.1037

■ 142.3760, 2.2796,
-124.8638

■ 180.1530, 0.9106,
-58.8932

■ 187.5290, 0.7252,
-46.0679

■ 194.6060, 0.6872,
-33.8575

■ 201.5690, 0.2125,
-21.5470

■ 208.9450, 0.0271,
-8.7218

■ 216.0220, -0.0108,
3.4887

■ 223.3980, -0.1962,
16.3140

Harmonies

Analogous

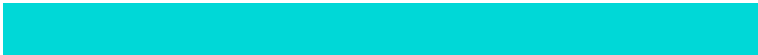
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.8810, -30.0143, -33.2216



158.7370, 1.6087, -96.2393



151.3020, 31.4031, -132.6919

Triad

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



158.7370, 1.6087, -96.2393



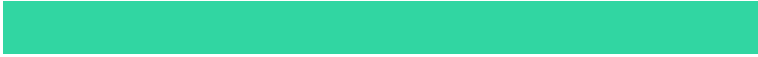
183.4010, 35.2983, -28.4157



183.8450, -31.4756, 62.4029

Complementary

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



158.7370, 1.6087, -96.2393



104.2630, -1.6087, 96.2393

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.



181.4580, -7.6208, 64.4963



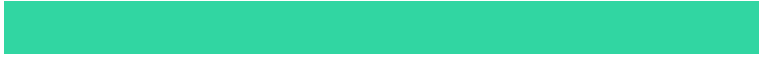
158.7370, 1.6087, -96.2393



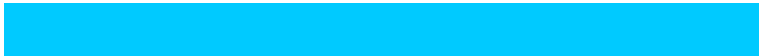
194.3850, 29.8832, 28.6034

Square

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



158.7370, 1.6087, -96.2393



147.6440, 52.9265, -129.4838



189.0330, 13.7877, 57.8531



186.8050, -47.7249, 47.5290

Rectangle

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



158.7370, 1.6087, -96.2393



153.7760, 45.9594, -134.8616



189.0330, 13.7877, 57.8531



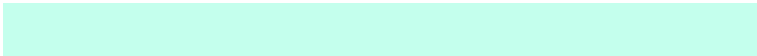
181.9190, -23.6241, 64.0920

Sweetspot

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



158.7370, 1.6087, -96.2393



235.3070, 0.8346, -34.4722



161.4030, -55.4147, -52.9734



115.8680, 0.0651, -20.9322



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.7370, 1.6087, -96.2393



175.5870, 2.1756, -138.2038



147.0550, 33.0039, -85.9942



103.3690, 0.3111, -6.4626



113.7150, 1.6195, -99.7281



28.6610, 0.6601, -25.1357

Inverse Universe

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



104.2630, -1.6087, 96.2393



97.4130, -2.1756, 138.2038



115.9450, -33.0039, 85.9942



99.7450, 0.1257, 6.3626



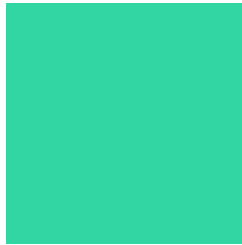
57.2850, -1.6195, 99.7281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 158.7370, 1.6087, -96.2393 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 YUV color 158.7370, 1.6087, -96.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

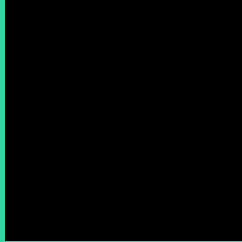
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

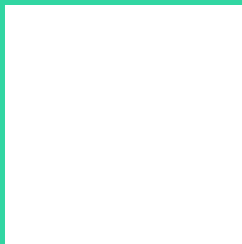
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.7370, 1.6087, -96.2393

Background



This preview shows how black text looks on a background with the YUV color 158.7370, 1.6087, -96.2393.



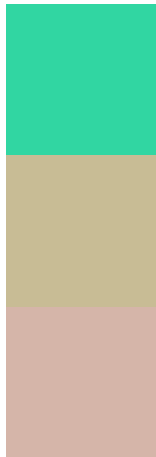
This preview shows how white text looks on a background with the YUV color 158.7370, 1.6087,

-96.2393.

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

158.7370, 1.6087, -96.2393

Protanopia

187.1420, -18.8040, 11.2765

Deuteranopia

189.2000, -9.9586, 20.8726



Tritanopia

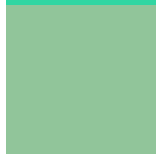
170.5630, 25.8514, -78.5468

Trichromacy



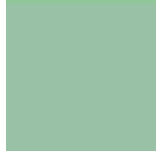
Original Color

158.7370, 1.6087, -96.2393



Protanomaly

176.5500, -11.1172, -27.6694



Deuteranomaly

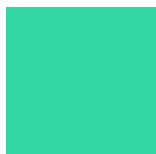
177.9620, -5.8973, -21.8917



Tritanomaly

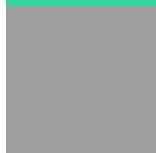
166.2280, 17.1426, -85.2690

Monochromacy



Original Color

158.7370, 1.6087, -96.2393



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8940, 0.5453, -34.9870

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7370, 1.6087, -96.2393 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(49, 214, 162)` looks like.

```
.text, #text, p{  
    color:rgb(49, 214, 162)  
}
```

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(49, 214, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 214, 162) }
```

Border

The CSS property to change the border of an element to YUV 158.7370, 1.6087, -96.2393 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(49, 214, 162) }
```


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

```
.border{ border-color:rgb(49, 214, 162) }
```

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

Here you see how a box with a 4 pixel rgb(49, 214, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 214, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 214, 162);  
box-shadow:4px 4px 4px 4px rgb(49, 214,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 158.7370, 1.6087, -96.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 214, 162) }
```

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

```
.background{ background-color: rgb(49, 214,  
162) }
```

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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