

Converting Colors

YUV(163.7200, -9.2290,
-73.4224)

Have a look what the booklet for
YUV(163.7200, -9.2290, -73.4224)
contains.

YUV(163.7200, -9.2290, -73.4224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.7200, -9.2290,
-73.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	50D291
RGB	80, 210, 145
RGB Percent	31%, 82%, 57%
CMY	0.6863, 0.1765, 0.4314
CMYK	0.62, 0.00, 0.31, 0.18
HSL	150°, 59%, 57%
HSV	150°, 62%, 82%
XYZ	31.4657, 49.8430, 34.7503
YIQ	163.7200, -56.6150, -47.7750

Conversions

Conversions Part 2

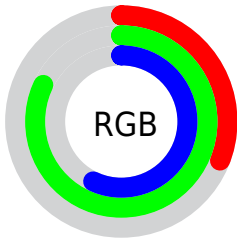
Format	Color
RYB	80, 167, 210
Decimal	5296785
CIELab	75.97, -50.55, 21.90
CIELCh	76, 55.085, 156.578
Yxy	49.8430, 0.2711, 0.4295
Android (android.graphics.Color)	4283486865 (0xFF50D291)
YUV	163.7200, -9.2290, -73.4224
Hunter-Lab	70.5996, -43.9932, 20.2362

Details

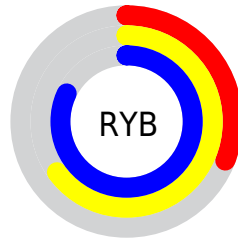
The YUV color **163.7200, -9.2290, -73.4224** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **126.2800, 9.2290, 73.4224**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5300, -7.6563, -64.4858**, and **101.1140, -3.5072, -88.6770** is the 20% darker color. If you saturate the color by 10%, you get **156.3010, -10.5014, -85.3330**, and if you desaturate by 10%, it is **171.2530, -7.5197, -61.6119**.

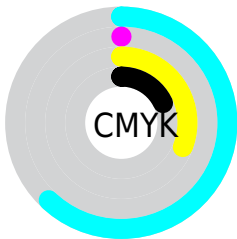
Distribution



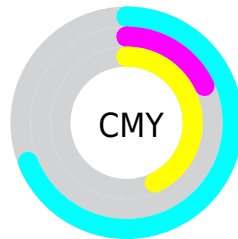
- Red (31%)
- Green (82%)
- Blue (57%)



- Red (31%)
- Yellow (65%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7200, -9.2290, -73.4224 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 163.7200, -9.2290, -73.4224 by changing the saturation by 10% instead.

■ 163.7200, -9.2290,
-73.4224

■ 163.7200, -9.2290,
-73.4224

255.0000, 0.0000,
0.0000

■ 133.8550, -7.3235,
-77.9258

■ 214.5300, -7.6563,
-64.4858

■ 101.1140, -3.5072,
-88.6770

■ 226.3930, 0.2993,
-49.4567

■ 83.1160, -6.4662,
-72.8927

■ 238.5550, 8.1074,
-33.8127

■ 65.2320, -8.9884,
-57.2085

■ 247.5250, 3.6852,
-15.3694

■ 48.0490, -11.3632,
-42.1390

■ 31.1110, -15.3377,
-27.2843

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 163.7200, -9.2290,
-73.4224

■ 163.7200, -9.2290,
-73.4224

■ 156.3010,
-10.5014, -85.3330

■ 171.2530, -7.5197,
-61.6119

■ 148.7680,
-12.2106, -97.1435

■ 178.6720, -6.2473,
-49.7013

■ 141.3490,
-13.4831, -109.0541

■ 186.2050, -4.5381,
-37.8908

■ 135.2400,
-14.9083, -118.6055

■ 193.6240, -3.2656,
-25.9802

■ 201.0430, -1.9932,
-14.0697

■ 208.5760, -0.2840,
-2.2592

■ 216.1090, 1.4253,
9.5514

■ 223.5280, 2.6977,
21.4619

■ 226.7610, 6.0338,
24.7656

Harmonies

Analogous

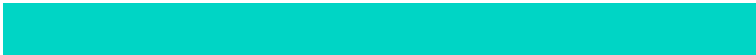
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.9490, -36.4569, -20.1263



163.7200, -9.2290, -73.4224



147.4890, 24.4089, -129.3479

Triad

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



163.7200, -9.2290, -73.4224



175.5940, 39.1472, -49.6329



180.1750, -25.2293, 65.6215

Complementary

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



163.7200, -9.2290, -73.4224



126.2800, 9.2290, 73.4224

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.



181.0650, -1.5110, 64.8410



163.7200, -9.2290, -73.4224



189.8670, 32.1106, 14.1486

Square

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



163.7200, -9.2290, -73.4224



148.2310, 52.6371, -129.9986



190.9880, 18.7399, 56.1385



185.1420, -45.4260, 56.8805

Rectangle

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



163.7200, -9.2290, -73.4224



150.7780, 39.5494, -132.2323



190.9880, 18.7399, 56.1385



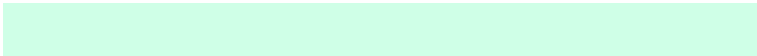
179.6510, -17.0829, 66.0811

Sweetspot

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



163.7200, -9.2290, -73.4224



237.9120, -3.4076, -27.1098



175.7450, -47.2023, -26.9634



117.3200, -2.1298, -16.9436



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.



163.7200, -9.2290, -73.4224



187.7730, -13.1991, -106.7949



171.1300, 19.1629, -79.9210



101.0270, -0.9993, -6.1627



108.1920, -11.9267, -94.8844



26.3470, -3.1291, -23.1063

Inverse Universe

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



126.2800, 9.2290, 73.4224



133.3410, 13.6359, 106.6949



118.8700, -19.1629, 79.9210



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 163.7200, -9.2290, -73.4224 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 163.7200, -9.2290, -73.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

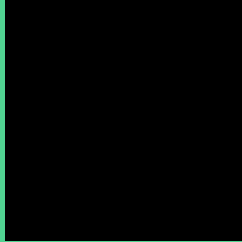
Any Text WCAG AA ✓ Pass

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 163.7200, -9.2290, -73.4224 Background



This preview shows how black text looks on a background with the YUV color 163.7200, -9.2290, -73.4224.



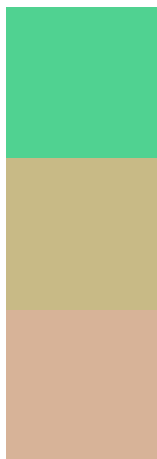
This preview shows how white text looks on a background with the YUV color 163.7200, -9.2290,

-73.4224.

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

163.7200, -9.2290, -73.4224

Protanopia

184.2580, -24.7772, 13.8057

Deuteranopia

186.6860, -17.1002, 24.8314



Tritanopia

173.8210, 21.2872, -61.2330

Trichromacy



Original Color

163.7200, -9.2290, -73.4224



Protanomaly

176.8410, -19.1486, -18.2776



Deuteranomaly

178.1500, -14.3709, -10.6555



Tritanomaly

169.9270, 10.3890, -65.7110

Monochromacy



Original Color

163.7200, -9.2290, -73.4224



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9120, -3.4076, -27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7200, -9.2290, -73.4224 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(80, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(80, 210, 145)  
}
```

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(80, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 210, 145) }
```

Border

The CSS property to change the border of an element to YUV 163.7200, -9.2290, -73.4224 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(80, 210, 145) }
```


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

```
.border{ border-color:rgb(80, 210, 145) }
```

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

Here you see how a box with a 4 pixel rgb(80, 210, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(80, 210,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 163.7200, -9.2290, -73.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 210, 145) }
```

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

```
.background{ background-color: rgb(80, 210,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor