

Converting Colors

YUV(199.3160, 7.2392,
-35.3571)

Have a look what the booklet for
YUV(199.3160, 7.2392, -35.3571)
contains.

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Color

**YUV(199.3160, 7.2392,
-35.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD9D6
RGB	159, 217, 214
RGB Percent	62%, 85%, 84%
CMY	0.3765, 0.1490, 0.1608
CMYK	0.27, 0.00, 0.01, 0.15
HSL	177°, 43%, 74%
HSV	177°, 27%, 85%
XYZ	51.2485, 61.8517, 72.8558
YIQ	199.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

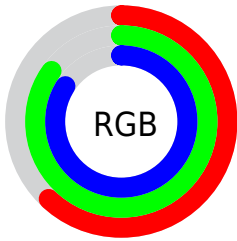
Format	Color
RYB	159, 189, 217
Decimal	10475990
CIELab	82.83, -19.05, -4.53
CIELCh	83, 19.582, 193.364
Yxy	61.8517, 0.2756, 0.3326
Android (android.graphics.Color)	4288666070 (0xFF9FD9D6)
YUV	199.3160, 7.2392, -35.3571
Hunter-Lab	78.6458, -21.3130, 0.1271

Details

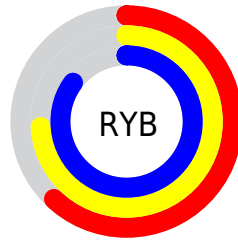
The YUV color **199.3160, 7.2392, -35.3571** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.6840, -7.2392, 35.3571**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **144.6150, 7.0918, -34.7424** is the 20% darker color. If you saturate the color by 10%, you get **192.6240, 10.0454, -48.7822**, and if you desaturate by 10%, it is **206.0080, 4.4331, -21.9320**.

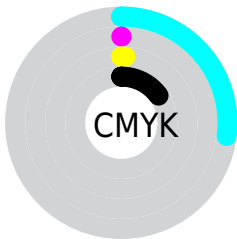
Distribution



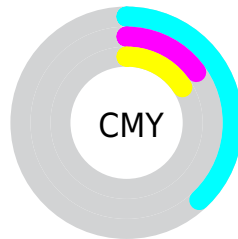
- Red (62%)
- Green (85%)
- Blue (84%)



- Red (62%)
- Yellow (74%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3160, 7.2392, -35.3571 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 199.3160, 7.2392, -35.3571 by changing the saturation by 10% instead.

■ 199.3160, 7.2392,
-35.3571

■ 199.3160, 7.2392,
-35.3571

■ 255.0000, 0.0000,
0.0000

■ 171.6150, 7.0918,
-34.7424

■ 243.0400, 5.8963,
-24.5911

■ 144.6150, 7.0918,
-34.7424

■ 251.7110, 1.6215,
-6.7625

■ 118.9140, 6.9444,
-34.1276

■ 93.0280, 7.3812,
-34.2276

■ 68.1310, 7.8234,
-36.0719

■ 43.3480, 8.7024,
-38.0162

■ 27.9260, 5.4595,

-24.4911

■ 12.7320, 3.0901,
-11.1660

■ 0.0000, 0.0000,
0.0000

■ 199.3160, 7.2392,
-35.3571

■ 199.3160, 7.2392,
-35.3571

■ 192.6240, 10.0454,
-48.7822

■ 206.0080, 4.4331,
-21.9320

■ 186.2310, 12.7041,
-61.5926

■ 212.4010, 1.7743,
-9.1217

■ 179.5390, 15.5103,
-75.0177

■ 219.0930, -1.0318,
4.3034

■ 172.8470, 18.3164,
-88.4428

■ 225.7850, -3.8380,
17.7286

■ 166.3400, 20.5384,
-101.1532

■ 228.7040, -4.2911,
23.0616

■ 159.6480, 23.3445,
-114.5783

■ 228.8180, -3.8543,
22.9616

■ 152.9560, 26.1507,
-128.0034

■ 228.9320, -3.4175,
22.8616

■ 150.8630, 27.1825,
-132.3069

■ 229.0460, -2.9807,
22.7617

■ 229.1600, -2.5439,
22.6617

Harmonies

Analogous

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



200.1510, -2.5394, -25.5654



199.3160, 7.2392, -35.3571



200.0800, 15.2436, -36.0272

Triad

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



199.3160, 7.2392, -35.3571



209.1550, 11.7556, 9.5111



206.8380, -17.6681, 20.3131

Complementary

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



199.3160, 7.2392, -35.3571



176.6840, -7.2392, 35.3571

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.



208.1580, -12.8959, 29.6794



199.3160, 7.2392, -35.3571



210.0660, 3.4185, 23.6211

Square

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



199.3160, 7.2392, -35.3571



206.5270, 17.4882, -9.2322



209.7050, -5.7706, 30.9537



204.8640, -17.1880, 6.2583

Rectangle

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



199.3160, 7.2392, -35.3571



202.2100, 18.1375, -30.8792



209.7050, -5.7706, 30.9537



207.5010, -16.5160, 24.1166

Sweetspot

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



199.3160, 7.2392, -35.3571



248.9060, 2.5113, -12.1956



194.2420, -17.3743, -27.3992



123.9990, 1.4795, -7.8921



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.



199.3160, 7.2392, -35.3571



230.0260, 10.3402, -50.0118



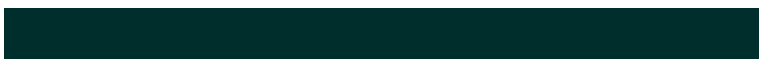
184.9830, 15.7844, -22.7871



106.5970, 1.1847, -6.6626



120.2470, 21.5702, -105.4566



32.0180, 5.9071, -28.0798

Inverse Universe

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



176.6840, -7.2392, 35.3571



198.0880, -9.9034, 49.9118



191.0170, -15.7844, 22.7871



102.2890, -1.6215, 6.7625



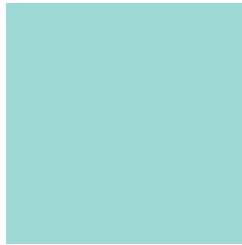
52.7530, -21.5702, 105.4566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 199.3160, 7.2392, -35.3571 looks on a white background.

Color Contrast Check

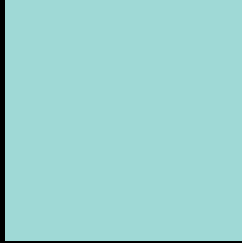
Large Text (above 18pt) WCAG AA × Fail

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 199.3160, 7.2392, -35.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

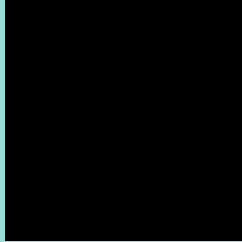
Any Text WCAG AA ✓ Pass

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 199.3160, 7.2392, -35.3571 Background



This preview shows how black text looks on a background with the YUV color 199.3160, 7.2392, -35.3571.



This preview shows how white text looks on a background with the YUV color 199.3160, 7.2392, -35.3571.

-35.3571.

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

199.3160, 7.2392, -35.3571

Protanopia

205.8370, 0.5734, 2.7740

Deuteranopia

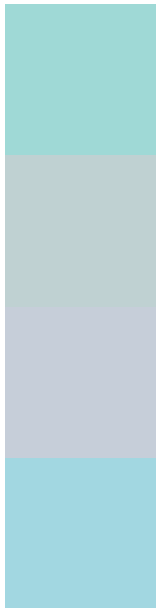
208.0320, 4.9142, 10.4959



Tritanopia

200.6890, 14.9433, -33.0533

Trichromacy



Original Color

199.3160, 7.2392, -35.3571

Protanomaly

203.7320, 3.0901, -11.1660

Deuteranomaly

204.8620, 5.9840, -6.0180

Tritanomaly

200.2930, 12.1806, -33.5830

Monochromacy



Original Color

199.3160, 7.2392, -35.3571

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1940, 2.3694, -13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3160, 7.2392, -35.3571 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(159, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(159, 217, 214)  
}
```

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(159, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 217, 214) }
```

Border

The CSS property to change the border of an element to YUV 199.3160, 7.2392, -35.3571 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(159, 217, 214) }
```


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

```
.border{ border-color:rgb(159, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(159, 217,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 199.3160, 7.2392, -35.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 217, 214) }
```

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

```
.background{ background-color: rgb(159,  
217, 214) }
```

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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