

Converting Colors

YUV(191.4130, 3.2474,
-61.7522)

Have a look what the booklet for
YUV(191.4130, 3.2474, -61.7522)
contains.

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Color

**YUV(191.4130, 3.2474,
-61.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	79E2C6
RGB	121, 226, 198
RGB Percent	47%, 89%, 78%
CMY	0.5255, 0.1137, 0.2235
CMYK	0.46, 0.00, 0.12, 0.11
HSL	164°, 64%, 68%
HSV	164°, 46%, 89%
XYZ	45.2746, 62.5349, 63.1103
YIQ	191.4130, -53.5920, -30.9680

Conversions

Conversions Part 2

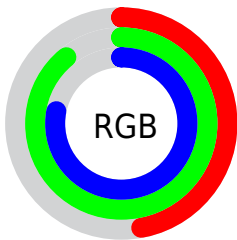
Format	Color
RYB	121, 182, 226
Decimal	7987910
CIELab	83.20, -37.08, 4.28
CIELCh	83, 37.330, 173.424
Yxy	62.5349, 0.2649, 0.3659
Android (android.graphics.Color)	4286177990 (0xFF79E2C6)
YUV	191.4130, 3.2474, -61.7522
Hunter-Lab	79.0790, -36.1929, 8.0379

Details

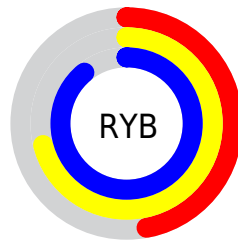
The YUV color **191.4130, 3.2474, -61.7522** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **155.5870, -3.2474, 61.7522**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **134.7440, 4.5632, -63.7965** is the 20% darker color. If you saturate the color by 10%, you get **183.8520, 4.0170, -75.2922**, and if you desaturate by 10%, it is **198.9740, 2.4778, -48.2122**.

Distribution



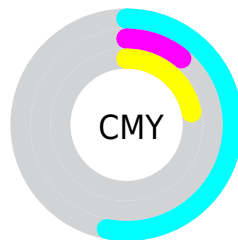
- Red (47%)
- Green (89%)
- Blue (78%)



- Red (47%)
- Yellow (71%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4130, 3.2474, -61.7522 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 191.4130, 3.2474, -61.7522 by changing the saturation by 10% instead.

■ 191.4130, 3.2474,
-61.7522

■ 191.4130, 3.2474,
-61.7522

255.0000, 0.0000,
0.0000

■ 163.2280, 3.8316,
-62.4670

■ 232.2760, 11.2029,
-46.7231

■ 134.7440, 4.5632,
-63.7965

■ 240.9470, 6.9281,
-28.8945

■ 104.6830, 7.0583,
-70.7590

■ 249.6180, 2.6533,
-11.0660

■ 79.3950, 7.2003,
-69.6294

■ 61.9840, 3.9519,
-54.3600

■ 44.8010, 1.5771,
-39.2905

■ 29.4930, -1.2290,

-25.8654

■ 11.2670, -5.0616,
-9.8812

■ 0.0000, 0.0000,
0.0000

■ 191.4130, 3.2474,
-61.7522

■ 191.4130, 3.2474,
-61.7522

■ 183.8520, 4.0170,
-75.2922

■ 198.9740, 2.4778,
-48.2122

■ 176.5900, 4.6391,
-88.2174

■ 206.2360, 1.8557,
-35.2870

■ 169.0290, 5.4087,
-101.7574

■ 213.7970, 1.0861,
-21.7470

■ 161.7670, 6.0309,
-114.6827

■ 221.0590, 0.4639,
-8.8217

■ 154.2060, 6.8004,
-128.2227

■ 228.6200, -0.3057,
4.7183

■ 151.5860, 7.1061,
-132.9409

■ 235.5830, -0.7804,
17.0287

■ 236.2670, 1.8404,
16.4288

■ 236.9510, 4.4612,
15.8290

■ 237.6350, 7.0819,
15.2291

Harmonies

Analogous

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



197.7470, -16.6373, -30.4731



191.4130, 3.2474, -61.7522



186.2480, 23.5417, -84.4095

Triad

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



191.4130, 3.2474, -61.7522



207.1560, 23.5871, -5.3988



205.6900, -26.4692, 43.2449

Complementary

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



191.4130, 3.2474, -61.7522



155.5870, -3.2474, 61.7522

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.



203.7130, -11.1975, 44.9787



191.4130, 3.2474, -61.7522



212.6980, 18.3899, 28.3289

Square

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



191.4130, 3.2474, -61.7522



198.3530, 27.9270, -44.1596



207.1160, 4.3798, 41.9943



205.7670, -33.4091, 29.1453

Rectangle

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



191.4130, 3.2474, -61.7522



187.6530, 32.7091, -84.7647



207.1160, 4.3798, 41.9943



204.3680, -21.3804, 44.4043

Sweetspot

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



191.4130, 3.2474, -61.7522



243.0960, 0.9387, -21.1322



191.0070, -34.5135, -36.8401



120.7380, 0.6222, -12.9252



0.0000, 0.0000, 0.0000



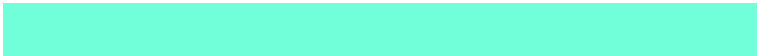
128.0000, 0.0000, 0.0000

Same Dimension

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



191.4130, 3.2474, -61.7522



207.9110, 4.4809, -84.1139



180.5170, 22.4231, -52.1964



108.3690, 0.3111, -6.4626



118.0180, 5.4141, -103.5018



32.2800, 1.8340, -28.3096

Inverse Universe

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



155.5870, -3.2474, 61.7522



159.0890, -4.4809, 84.1139



167.0700, -22.7125, 51.6816



104.6310, -0.3111, 6.4626



57.9820, -5.4141, 103.5018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 191.4130, 3.2474, -61.7522 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 191.4130, 3.2474, -61.7522 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

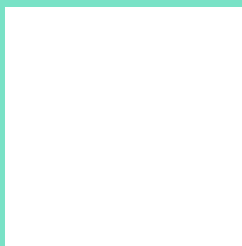
Any Text WCAG AAA ✓ Pass

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

YUV 191.4130, 3.2474, -61.7522 Background



This preview shows how black text looks on a background with the YUV color 191.4130, 3.2474, -61.7522.



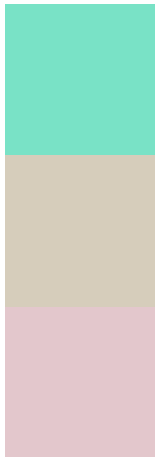
This preview shows how white text looks on a background with the YUV color 191.4130, 3.2474,

-61.7522.

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

191.4130, 3.2474, -61.7522

Protanopia

205.6390, -9.1890, 7.3326

Deuteranopia

207.9420, -1.9434, 16.7139



Tritanopia

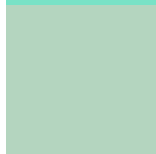
195.7400, 20.8342, -55.9000

Trichromacy



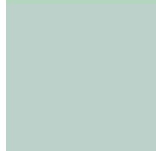
Original Color

191.4130, 3.2474, -61.7522



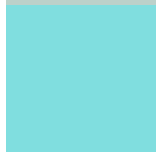
Protanomaly

200.6250, -4.7451, -18.0881



Deuteranomaly

201.9230, 0.0380, -12.2105



Tritanomaly

194.0080, 14.2931, -57.8890

Monochromacy



Original Color

191.4130, 3.2474, -61.7522



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.4980, 1.2335, -22.3617

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4130, 3.2474, -61.7522 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(121, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 226, 198)  
}
```

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(121, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 226, 198) }
```

Border

The CSS property to change the border of an element to YUV 191.4130, 3.2474, -61.7522 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(121, 226, 198) }
```


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

```
.border{ border-color:rgb(121, 226, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 226, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 226, 198);  
box-shadow:4px 4px 4px 4px rgb(121, 226,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 191.4130, 3.2474, -61.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 226, 198) }
```

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

```
.background{ background-color: rgb(121,  
226, 198) }
```

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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