

Converting Colors

YUV(197.7230, 3.0946,
-59.3931)

Have a look what the booklet for
YUV(197.7230, 3.0946, -59.3931)
contains.

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Color

**YUV(197.7230, 3.0946,
-59.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	82E7CC
RGB	130, 231, 204
RGB Percent	51%, 91%, 80%
CMY	0.4902, 0.0941, 0.2000
CMYK	0.44, 0.00, 0.12, 0.09
HSL	164°, 68%, 71%
HSV	164°, 44%, 91%
XYZ	48.6809, 66.2573, 67.3499
YIQ	197.7230, -51.5290, -29.8090

Conversions

Conversions Part 2

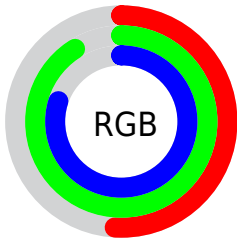
Format	Color
RYB	130, 188, 231
Decimal	8579020
CIELab	85.13, -35.85, 3.95
CIElCh	85, 36.065, 173.712
Yxy	66.2573, 0.2671, 0.3635
Android (android.graphics.Color)	4286769100 (0xFF82E7CC)
YUV	197.7230, 3.0946, -59.3931
Hunter-Lab	81.3986, -35.6945, 7.9219

Details

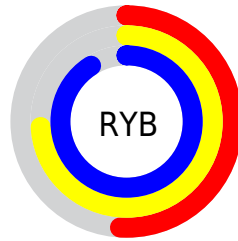
The YUV color **197.7230, 3.0946, -59.3931** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **163.2770, -3.0946, 59.3931**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **141.3530, 4.2630, -60.8226** is the 20% darker color. If you saturate the color by 10%, you get **190.1620, 3.8641, -72.9331**, and if you desaturate by 10%, it is **205.2840, 2.3250, -45.8531**.

Distribution



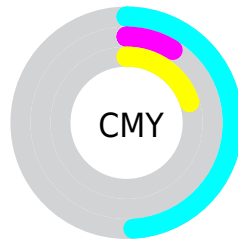
- Red (51%)
- Green (91%)
- Blue (80%)



- Red (51%)
- Yellow (74%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (49%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7230, 3.0946, -59.3931 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 197.7230, 3.0946, -59.3931 by changing the saturation by 10% instead.

■ 197.7230, 3.0946,
-59.3931

■ 197.7230, 3.0946,
-59.3931

255.0000, 0.0000,
0.0000

■ 169.8370, 3.5314,
-59.4930

■ 234.6680, 10.0237,
-41.8048

■ 141.3530, 4.2630,
-60.8226

■ 243.6380, 5.6015,
-23.3615

■ 112.9720, 5.4368,
-63.9964

■ 252.3090, 1.3267,
-5.5330

■ 82.9000, 7.9373,
-72.7033

■ 64.9020, 4.9783,
-56.9191

■ 48.3060, 2.3141,
-42.3644

■ 31.8240, 0.0868,

-27.9096

■ 16.7610, -4.3192,
-14.6994

■ 0.0000, 0.0000,
0.0000

■ 197.7230, 3.0946,
-59.3931

■ 197.7230, 3.0946,
-59.3931

■ 190.1620, 3.8641,
-72.9331

■ 205.2840, 2.3250,
-45.8531

■ 182.6010, 4.6337,
-86.4731

■ 212.8450, 1.5554,
-32.3131


■ 174.9260, 4.9665,
-99.9131

■ 220.5200, 1.2226,
-18.8730


■ 167.3650, 5.7361,
-113.4531


■ 228.0810, 0.4531,
-5.3330

 159.5050, 6.6530,
-127.6079


 235.9410, -0.4639,
8.8217

 154.8630, 6.9695,
-135.8149

 239.3160, 0.8302,
13.7549

 240.0000, 3.4510,
13.1550

 240.6840, 6.0718,
12.5551

 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



203.2740, -15.9111, -30.0583



197.7230, 3.0946, -59.3931



193.6400, 22.3625, -79.4913

Triad

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



197.7230, 3.0946, -59.3931



212.1840, 21.1083, -3.6694



210.0100, -25.1479, 39.4562

Complementary

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



197.7230, 3.0946, -59.3931



163.2770, -3.0946, 59.3931

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.



208.5060, -10.6025, 40.7752



197.7230, 3.0946, -59.3931



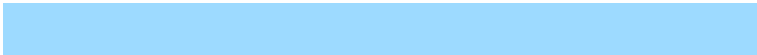
217.7580, 17.3743, 27.3992

Square

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



197.7230, 3.0946, -59.3931



203.9790, 25.1534, -41.2006



211.7950, 4.5381, 37.8908



211.2830, -32.6775, 27.8158

Rectangle

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



197.7230, 3.0946, -59.3931



194.8880, 29.6352, -78.8318



211.7950, 4.5381, 37.8908



208.5740, -20.4960, 40.7156

Sweetspot

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



197.7230, 3.0946, -59.3931



244.1070, 0.9332, -19.3878



197.9580, -33.5033, -34.1662



121.0370, 0.4748, -12.3104



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.



197.7230, 3.0946, -59.3931



211.2430, 4.3172, -78.2661



187.8870, 21.2547, -50.7669



111.0700, 0.4585, -7.0774



120.0070, 5.4195, -105.2461



34.1550, 1.4026, -29.9539

Inverse Universe

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



163.2770, -3.0946, 59.3931



165.8710, -3.8804, 78.1661



173.1130, -21.2547, 50.7669



106.9300, -0.4585, 7.0774



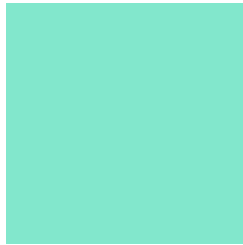
58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 197.7230, 3.0946, -59.3931 looks on a white background.

Color Contrast Check

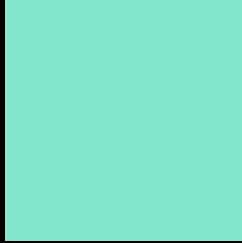
Large Text (above 18pt) WCAG AA × Fail

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 197.7230, 3.0946, -59.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

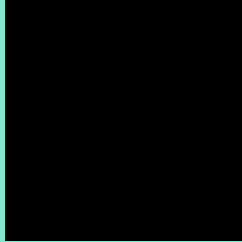
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

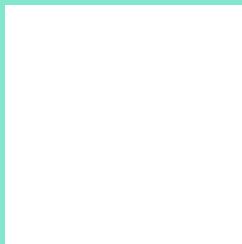
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.7230, 3.0946, -59.3931

Background



This preview shows how black text looks on a background with the YUV color 197.7230, 3.0946, -59.3931.



This preview shows how white text looks on a background with the YUV color 197.7230, 3.0946, -59.3931.

-59.3931.

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

197.7230, 3.0946, -59.3931

Protanopia

211.6390, -9.1890, 7.3326

Deuteranopia

213.6430, -1.7960, 16.0991



Tritanopia

201.9360, 20.2446, -53.4409

Trichromacy



Original Color

197.7230, 3.0946, -59.3931



Protanomaly

206.3370, -4.6031, -16.9585



Deuteranomaly

207.6350, 0.1799, -11.0809



Tritanomaly

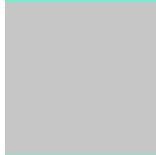
200.3180, 14.1402, -55.5299

Monochromacy



Original Color

197.7230, 3.0946, -59.3931



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7970, 1.0861, -21.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7230, 3.0946, -59.3931 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(130, 231, 204)` looks like.

```
.text, #text, p{  
    color:rgb(130, 231, 204)  
}
```

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(130, 231, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 231, 204) }
```

Border

The CSS property to change the border of an element to YUV 197.7230, 3.0946, -59.3931 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(130, 231, 204) }
```


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

```
.border{ border-color:rgb(130, 231, 204) }
```

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

Here you see how a box with a 4 pixel rgb(130, 231, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 231, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 231, 204);  
box-shadow:4px 4px 4px 4px rgb(130, 231,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 197.7230, 3.0946, -59.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 231, 204) }
```

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

```
.background{ background-color: rgb(130,  
231, 204) }
```

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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