

Converting Colors

YUV(197.8930, 2.0248,
-42.8792)

Have a look what the booklet for
YUV(197.8930, 2.0248, -42.8792)
contains.

YUV(197.8930, 2.0248, -42.8792)	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(197.8930, 2.0248,
-42.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	95DECA
RGB	149, 222, 202
RGB Percent	58%, 87%, 79%
CMY	0.4157, 0.1294, 0.2078
CMYK	0.33, 0.00, 0.09, 0.13
HSL	164°, 53%, 73%
HSV	164°, 33%, 87%
XYZ	49.1764, 62.8964, 65.4255
YIQ	197.8930, -37.0880, -21.6960

Conversions

Conversions Part 2

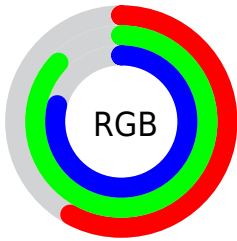
Format	Color
RYB	149, 191, 222
Decimal	9821898
CIELab	83.39, -27.00, 2.59
CIELCh	83, 27.121, 174.521
Yxy	62.8964, 0.2771, 0.3543
Android (android.graphics.Color)	4288011978 (0xFF95DECA)
YUV	197.8930, 2.0248, -42.8792
Hunter-Lab	79.3072, -28.1044, 6.6031

Details

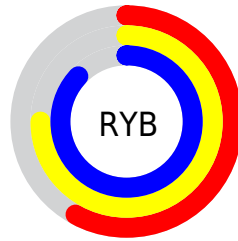
The YUV color **197.8930, 2.0248, -42.8792** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **173.1070, -2.0248, 42.8792**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **143.3060, 2.3141, -42.3644** is the 20% darker color. If you saturate the color by 10%, you get **190.6310, 2.6469, -55.8044**, and if you desaturate by 10%, it is **205.1550, 1.4026, -29.9539**.

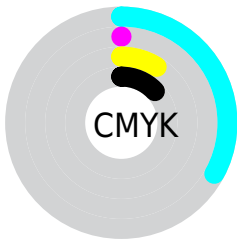
Distribution



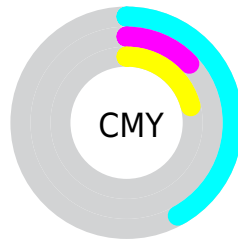
- Red (58%)
- Green (87%)
- Blue (79%)



- Red (58%)
- Yellow (75%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.8930, 2.0248, -42.8792 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 197.8930, 2.0248, -42.8792 by changing the saturation by 10% instead.

■ 197.8930, 2.0248,
-42.8792

■ 197.8930, 2.0248,
-42.8792

255.0000, 0.0000,
0.0000

■ 170.3060, 2.3141,
-42.3644

■ 240.0500, 7.3704,
-30.7388

■ 143.3060, 2.3141,
-42.3644

■ 248.7210, 3.0955,
-12.9103

■ 116.4200, 2.7509,
-42.4643

■ 90.2350, 3.3351,
-43.1791

■ 62.1740, 5.8302,
-50.1416

■ 43.9690, 3.4663,
-38.5608

■ 28.6610, 0.6601,

-25.1357

■ 12.3100, -3.6038,
-10.7959

■ 0.0000, 0.0000,
0.0000

■ 197.8930, 2.0248,
-42.8792

■ 197.8930, 2.0248,
-42.8792

■ 190.6310, 2.6469,
-55.8044

■ 205.1550, 1.4026,
-29.9539

■ 183.3690, 3.2691,
-68.7296

■ 212.4170, 0.7804,
-17.0287

■ 175.8080, 4.0387,
-82.2696

■ 219.9780, 0.0108,
-3.4887

■ 168.5460, 4.6608,
-95.1948

■ 227.2400, -0.6113,
9.4365

■ 161.2840, 5.2830,
-108.1201

■ 233.0070, -0.4965,
19.2879

■ 154.0220, 5.9052,
-121.0453

■ 233.6910, 2.1243,
18.6880

■ 148.6680, 6.0797,
-130.3818

■ 234.4890, 5.1819,
17.9881

■ 235.1730, 7.8027,
17.3883

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



201.0560, -11.8596, -22.8511



197.8930, 2.0248, -42.8792



196.6710, 15.4452, -54.0855

Triad

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



197.8930, 2.0248, -42.8792



209.7110, 21.8345, -3.2545



209.1390, -20.7745, 36.7121

Complementary

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



197.8930, 2.0248, -42.8792



173.1070, -2.0248, 42.8792

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.



209.2070, -10.4551, 40.1605



197.8930, 2.0248, -42.8792



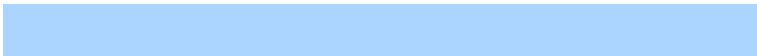
212.1610, 12.7386, 20.9068

Square

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



197.8930, 2.0248, -42.8792



204.6430, 24.8260, -29.5049



212.0570, 0.4649, 37.6610



206.7150, -24.5095, 21.2979

Rectangle

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



197.8930, 2.0248, -42.8792



197.8050, 22.2811, -53.3260



212.0570, 0.4649, 37.6610



209.8450, -18.1646, 39.6009

Sweetspot

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



197.8930, 2.0248, -42.8792



246.7270, 0.6276, -14.6696



198.1300, -24.2211, -24.6700



122.6460, 0.1745, -9.3365



0.0000, 0.0000, 0.0000



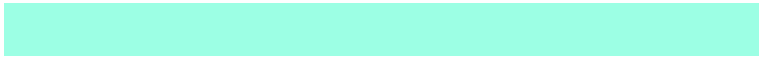
128.0000, 0.0000, 0.0000

Same Dimension

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



197.8930, 2.0248, -42.8792



222.3210, 2.7997, -58.1635



190.7810, 15.3910, -36.6419



108.3690, 0.3111, -6.4626



117.9040, 4.9773, -103.4018



32.1660, 1.3972, -28.2096

Inverse Universe

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



173.1070, -2.0248, 42.8792



188.6790, -2.7997, 58.1635



180.2190, -15.3910, 36.6419



104.6310, -0.3111, 6.4626



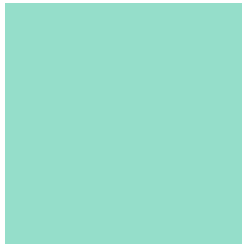
58.0960, -4.9773, 103.4018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 197.8930, 2.0248, -42.8792 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 197.8930, 2.0248, -42.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

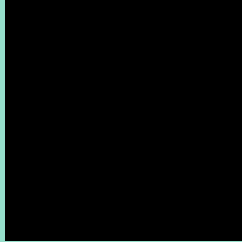
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

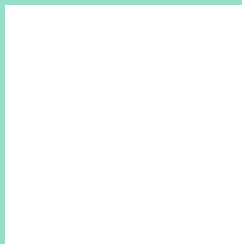
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.8930, 2.0248, -42.8792

Background



This preview shows how black text looks on a background with the YUV color 197.8930, 2.0248, -42.8792.



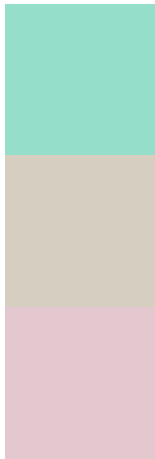
This preview shows how white text looks on a background with the YUV color 197.8930, 2.0248, -42.8792.

-42.8792.

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

197.8930, 2.0248, -42.8792

Protanopia

206.9100, -6.8576, 6.2179

Deuteranopia

208.8710, -0.9224, 15.8991



Tritanopia

200.8130, 16.8542, -39.3010

Trichromacy



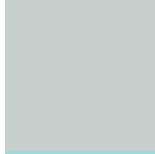
Original Color

197.8930, 2.0248, -42.8792



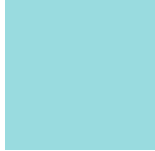
Protanomaly

203.5980, -3.7458, -11.9254



Deuteranomaly

204.9670, 0.0163, -5.2331



Tritanomaly

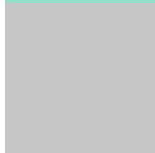
199.7220, 11.4761, -40.9752

Monochromacy



Original Color

197.8930, 2.0248, -42.8792



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.8930, 2.0248, -42.8792 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(149, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 222, 202)  
}
```

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(149, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 222, 202) }
```

Border

The CSS property to change the border of an element to YUV 197.8930, 2.0248, -42.8792 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(149, 222, 202) }
```


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

```
.border{ border-color:rgb(149, 222, 202) }
```

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

Here you see how a box with a 4 pixel rgb(149, 222, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(149, 222,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 197.8930, 2.0248, -42.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 222, 202) }
```

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

```
.background{ background-color: rgb(149,  
222, 202) }
```

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