

Converting Colors

YUV(210.1950, 10.7499,
-41.3900)

Have a look what the booklet for
YUV(210.1950, 10.7499, -41.3900)
contains.

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Color

**YUV(210.1950, 10.7499,
-41.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E6E8
RGB	163, 230, 232
RGB Percent	64%, 90%, 91%
CMY	0.3608, 0.0980, 0.0902
CMYK	0.30, 0.01, 0.00, 0.09
HSL	182°, 60%, 77%
HSV	182°, 30%, 91%
XYZ	57.9666, 70.2064, 86.8400
YIQ	210.1950, -40.5740, -13.5820

Conversions

Conversions Part 2

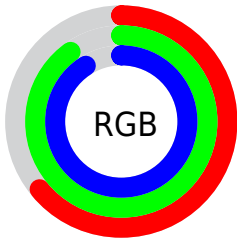
Format	Color
RYB	163, 197, 232
Decimal	10741480
CIELab	87.10, -20.37, -7.72
CIELCh	87, 21.784, 200.753
Yxy	70.2064, 0.2696, 0.3265
Android (android.graphics.Color)	4288931560 (0xFFA3E6E8)
YUV	210.1950, 10.7499, -41.3900
Hunter-Lab	83.7892, -23.1424, -2.7963

Details

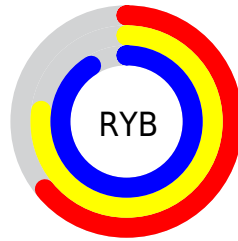
The YUV color **210.1950, 10.7499, -41.3900** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.8050, -10.7499, 41.3900**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **154.4940, 10.6025, -40.7752** is the 20% darker color. If you saturate the color by 10%, you get **202.7310, 14.4296, -55.0151**, and if you desaturate by 10%, it is **217.6590, 7.0701, -27.7649**.

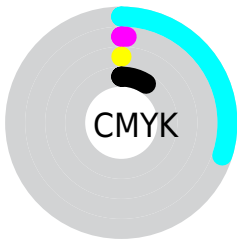
Distribution



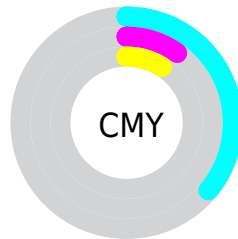
- Red (64%)
- Green (90%)
- Blue (91%)



- Red (64%)
- Yellow (77%)
- Blue (91%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1950, 10.7499, -41.3900 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 210.1950, 10.7499, -41.3900 by changing the saturation by 10% instead.

210.1950, 10.7499,
-41.3900

210.1950, 10.7499,
-41.3900

255.0000, 0.0000,
0.0000

182.1950, 10.7499,
-41.3900

244.5350, 5.1592,
-21.5172

154.4940, 10.6025,
-40.7752

253.2060, 0.8844,
-3.6887

128.4940, 10.6025,
-40.7752

102.1950, 10.7499,
-41.3900

75.7000, 11.4869,
-44.4639

51.4010, 11.6343,
-45.0787

35.3920, 8.6807,

-31.0388

■ 21.1440, 4.8590,
-18.5433

■ 0.7980, 3.0576,
-0.6998

■ 210.1950, 10.7499,
-41.3900

■ 210.1950, 10.7499,
-41.3900

■ 202.7310, 14.4296,
-55.0151

■ 217.6590, 7.0701,
-27.7649

■ 195.8540, 17.8200,
-69.1550

■ 224.5360, 3.6798,
-13.6251

■ 188.0910, 21.6471,
-83.3948

■ 232.2990, -0.1474,
0.6148

■ 180.6270, 25.3269,
-97.0199

■ 239.4640, -3.6798,
13.6251

■ 173.7500, 28.7172,
-111.1598

■ 240.0510, -3.9691,
13.1103

■ 166.2860, 32.3970,
-124.7848

■ 240.6380, -4.2585,
12.5955

■ 158.8220, 36.0768,
-138.4099

■ 241.2250, -4.5479,
12.0807

■ 158.5230, 36.2242,
-139.0247

Harmonies

Analogous

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



211.0900, -0.0444, -32.5279



210.1950, 10.7499, -41.3900



211.5680, 18.4540, -39.0861

Triad

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



210.1950, 10.7499, -41.3900



221.4870, 11.5919, 15.3589



218.5560, -19.9941, 19.6834

Complementary

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



210.1950, 10.7499, -41.3900



184.8050, -10.7499, 41.3900

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.



219.6590, -16.1009, 30.9941



210.1950, 10.7499, -41.3900



221.6430, 1.6550, 29.2541

Square

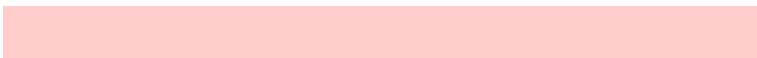
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.1950, 10.7499, -41.3900



219.2610, 17.6193, -4.6139



219.2490, -7.5178, 31.3536



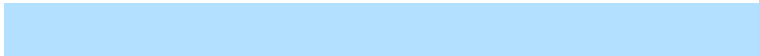
215.6140, -18.0507, 2.9695

Rectangle

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



210.1950, 10.7499, -41.3900



214.0790, 20.1741, -30.7643



219.2490, -7.5178, 31.3536



218.8170, -19.1368, 24.7165

Sweetspot

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



210.1950, 10.7499, -41.3900



247.5360, 3.6798, -13.6251



203.6170, -19.5312, -35.6211



122.9280, 2.5005, -8.7069



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.



210.1950, 10.7499, -41.3900



225.7310, 14.4296, -55.0151



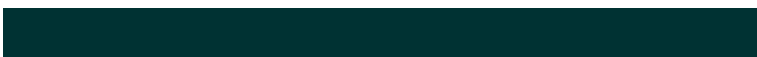
190.2370, 20.5892, -23.8868



110.8250, 2.0583, -6.8625



121.9570, 28.1222, -106.9563



35.1640, 7.8071, -30.8388

Inverse Universe

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



191.2690, 19.0944, 35.7211



200.6540, 25.3136, 47.6614



204.7630, -20.5892, 23.8868



107.8420, 3.0359, 6.2776



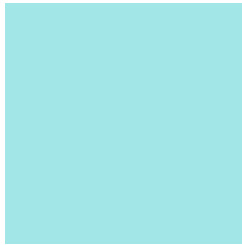
73.2430, 49.1802, 92.7489



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 210.1950, 10.7499, -41.3900 looks on a white background.

Color Contrast Check

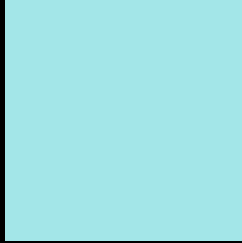
Large Text (above 18pt) WCAG AA × Fail

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 210.1950, 10.7499, -41.3900 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 210.1950, 10.7499, -41.3900

Background



This preview shows how black text looks on a background with the YUV color 210.1950, 10.7499, -41.3900.



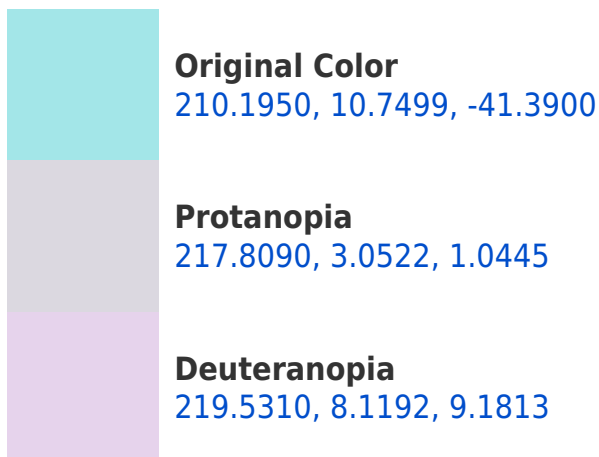
This preview shows how white text looks on a background with the YUV color 210.1950, 10.7499, -41.3900.

-41.3900.

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





Tritanopia

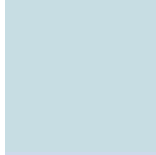
211.5140, 17.0016, -39.9158

Trichromacy



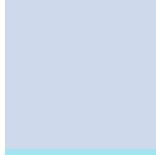
Original Color

210.1950, 10.7499, -41.3900



Protanomaly

215.1060, 5.8637, -14.1250



Deuteranomaly

216.3500, 9.1945, -9.0769



Tritanomaly

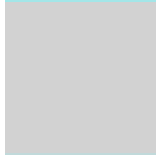
211.2320, 14.6756, -40.5455

Monochromacy



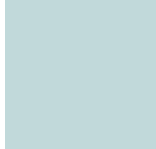
Original Color

210.1950, 10.7499, -41.3900



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9380, 3.9746, -14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1950, 10.7499, -41.3900 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(163, 230, 232)` looks like.

```
.text, #text, p{  
    color:rgb(163, 230, 232)  
}
```

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(163, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 230, 232) }
```

Border

The CSS property to change the border of an element to YUV 210.1950, 10.7499, -41.3900 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(163, 230, 232) }
```


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

```
.border{ border-color:rgb(163, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(163, 230,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 210.1950, 10.7499, -41.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 230, 232) }
```

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

```
.background{ background-color: rgb(163,  
230, 232) }
```

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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