

Converting Colors

YUV(200.8210, 7.9762,
-38.4310)

Have a look what the booklet for
YUV(200.8210, 7.9762, -38.4310)
contains.

YUV(200.8210, 7.9762, -38.4310)	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(200.8210, 7.9762,
-38.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDCD9
RGB	157, 220, 217
RGB Percent	62%, 86%, 85%
CMY	0.3843, 0.1373, 0.1490
CMYK	0.29, 0.00, 0.01, 0.14
HSL	177°, 47%, 74%
HSV	177°, 29%, 86%
XYZ	52.0222, 63.3643, 75.1343
YIQ	200.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

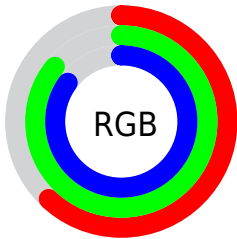
Format	Color
RYB	157, 189, 220
Decimal	10345689
CIELab	83.63, -20.46, -4.95
CIElCh	84, 21.049, 193.609
Yxy	63.3643, 0.2731, 0.3326
Android (android.graphics.Color)	4288535769 (0xFF9DDCD9)
YUV	200.8210, 7.9762, -38.4310
Hunter-Lab	79.6017, -22.6475, -0.2414

Details

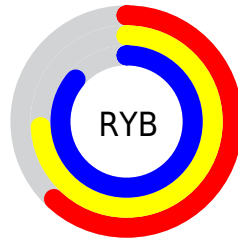
The YUV color $200.8210, 7.9762, -38.4310$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $176.1790, -7.9762, 38.4310$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $146.1200, 7.8288, -37.8162$ is the 20% darker color. If you saturate the color by 10%, you get $194.1290, 10.7824, -51.8561$, and if you desaturate by 10%, it is $207.5130, 5.1701, -25.0059$.

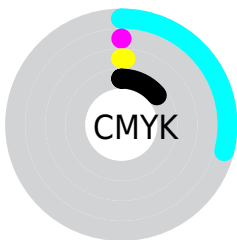
Distribution



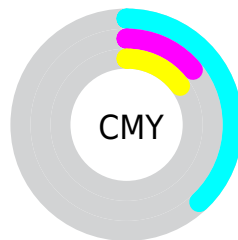
- Red (62%)
- Green (86%)
- Blue (85%)



- Red (62%)
- Yellow (74%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8210, 7.9762, -38.4310 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 200.8210, 7.9762, -38.4310 by changing the saturation by 10% instead.

■ 200.8210, 7.9762,
-38.4310

■ 200.8210, 7.9762,
-38.4310

255.0000, 0.0000,
0.0000

■ 173.1200, 7.8288,
-37.8162

■ 242.4420, 6.1911,
-25.8206

■ 146.1200, 7.8288,
-37.8162

■ 251.1130, 1.9163,
-7.9921

■ 119.5330, 8.1182,
-37.3014

■ 94.2340, 8.2656,
-37.9162

■ 67.7390, 9.0027,
-40.9901

■ 44.7500, 8.9972,
-39.2458

■ 29.3280, 5.7543,

-25.7207

■ 15.3080, 2.8062,
-13.4251

■ 0.0000, 0.0000,
0.0000

■ 200.8210, 7.9762,
-38.4310

■ 200.8210, 7.9762,
-38.4310

■ 194.1290, 10.7824,
-51.8561

■ 207.5130, 5.1701,
-25.0059

■ 187.4370, 13.5886,
-65.2812

■ 214.2050, 2.3639,
-11.5808

■ 180.7450, 16.3947,
-78.7064

■ 220.8970, -0.4422,
1.8443

■ 174.0530, 19.2009,
-92.1315

■ 227.5890, -3.2484,
15.2694

■ 167.3610, 22.0070,
-105.5566

■ 230.6930, -4.2856,
21.3172

■ 160.6690, 24.8132,
-118.9817

■ 230.8070, -3.8489,
21.2173

■ 153.9770, 27.6193,
-132.4068

■ 230.9210, -3.4121,
21.1173

■ 153.0800, 28.0616,
-134.2512

■ 231.0350, -2.9753,
21.0173

■ 231.1490, -2.5385,
20.9173

Harmonies

Analogous

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



202.1400, -2.5340, -27.3098



200.8210, 7.9762, -38.4310



201.6990, 16.4174, -39.2010

Triad

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



200.8210, 7.9762, -38.4310



211.0950, 12.7712, 10.4407



208.6210, -18.5472, 22.2574

Complementary

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



200.8210, 7.9762, -38.4310



176.1790, -7.9762, 38.4310

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.



210.8270, -14.2117, 31.7237



200.8210, 7.9762, -38.4310



212.4900, 3.7024, 25.8803

Square

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



200.8210, 7.9762, -38.4310



208.8690, 18.7986, -9.5321



212.0150, -5.9234, 33.3128



206.6360, -18.0615, 6.4582

Rectangle

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



200.8210, 7.9762, -38.4310



203.5410, 19.4533, -32.9235



212.0150, -5.9234, 33.3128



209.2840, -17.3950, 26.0609

Sweetspot

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



200.8210, 7.9762, -38.4310



248.0090, 2.9536, -14.0399



194.8780, -18.6739, -30.5880



123.4010, 1.7743, -9.1217



0.0000, 0.0000, 0.0000



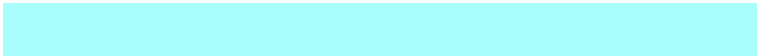
128.0000, 0.0000, 0.0000

Same Dimension

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



200.8210, 7.9762, -38.4310



228.5310, 11.0772, -53.0857



184.7270, 17.3896, -24.3166



106.5970, 1.1847, -6.6626



120.3610, 22.0070, -105.5566



32.0180, 5.9071, -28.0798

Inverse Universe

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



176.1790, -7.9762, 38.4310



194.4690, -11.0772, 53.0857



192.2730, -17.3896, 24.3166



102.2890, -1.6215, 6.7625



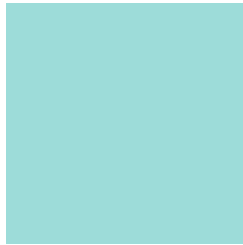
52.6390, -22.0070, 105.5566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 200.8210, 7.9762, -38.4310 looks on a white background.

Color Contrast Check

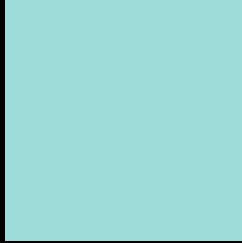
Large Text (above 18pt) WCAG AA × Fail

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 200.8210, 7.9762, -38.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

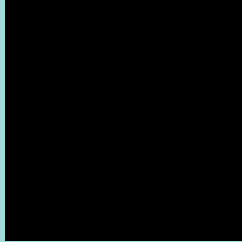
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

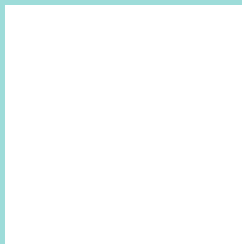
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.8210, 7.9762, -38.4310

Background



This preview shows how black text looks on a background with the YUV color 200.8210, 7.9762, -38.4310.



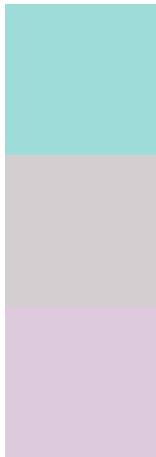
This preview shows how white text looks on a background with the YUV color 200.8210, 7.9762,

-38.4310.

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

200.8210, 7.9762, -38.4310

Protanopia

208.4240, 0.2840, 2.2592

Deuteranopia

210.1460, 5.3510, 10.3960



Tritanopia

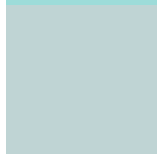
202.3080, 16.1172, -36.2271

Trichromacy



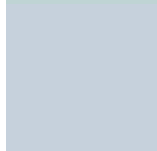
Original Color

200.8210, 7.9762, -38.4310



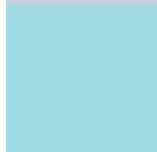
Protanomaly

205.7210, 3.0955, -12.9103



Deuteranomaly

206.9650, 6.4263, -7.8623



Tritanomaly

201.7980, 12.9176, -36.6568

Monochromacy



Original Color

200.8210, 7.9762, -38.4310



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8210, 7.9762, -38.4310 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(157, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(157, 220, 217)  
}
```

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(157, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 220, 217) }
```

Border

The CSS property to change the border of an element to YUV 200.8210, 7.9762, -38.4310 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(157, 220, 217) }
```


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

```
.border{ border-color:rgb(157, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(157, 220,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 200.8210, 7.9762, -38.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 220, 217) }
```

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

```
.background{ background-color: rgb(157,  
220, 217) }
```

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