

# Converting Colors

YUV(212.0100, 11.3341,  
-42.1048)

Have a look what the booklet for  
YUV(212.0100, 11.3341, -42.1048)  
contains.

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# Color

**YUV(212.0100, 11.3341,  
-42.1048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E8EB
RGB	164, 232, 235
RGB Percent	64%, 91%, 92%
CMY	0.3569, 0.0902, 0.0784
CMYK	0.30, 0.01, 0.00, 0.08
HSL	183°, 64%, 78%
HSV	183°, 30%, 92%
XYZ	59.1619, 71.6039, 89.3000
YIQ	212.0100, -41.4910, -13.4830

# Conversions

## Conversions Part 2

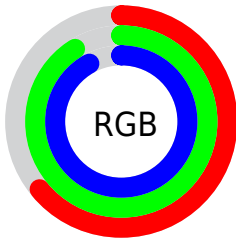
Format	Color
<a href="#">RYB</a>	<a href="#">164, 199, 235</a>
Decimal	<a href="#">10807531</a>
CIELab	<a href="#">87.78, -20.41, -8.28</a>
CIElCh	<a href="#">88, 22.023, 202.091</a>
Yxy	<a href="#">71.6039, 0.2688, 0.3254</a>
Android (android.graphics.Color)	<a href="#">4288997611</a> ( <a href="#">0xFFA4E8EB</a> )
YUV	<a href="#">212.0100, 11.3341, -42.1048</a>
Hunter-Lab	<a href="#">84.6191, -23.2842, -3.3364</a>

# Details

The YUV color  $212.0100, 11.3341, -42.1048$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $186.9900, -11.3341, 42.1048$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $244.8340, 5.0118, -20.9024$ , and  $156.3090, 11.1867, -41.4900$  is the 20% darker color. If you saturate the color by 10%, you get  $204.5460, 15.0138, -55.7298$ , and if you desaturate by 10%, it is  $219.7730, 7.5069, -27.8649$ .

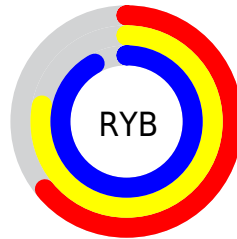
# Distribution



Red (64%)

Green (91%)

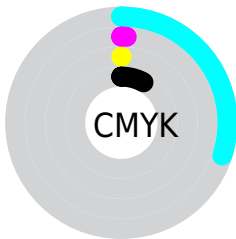
Blue (92%)



Red (64%)

Yellow (78%)

Blue (92%)

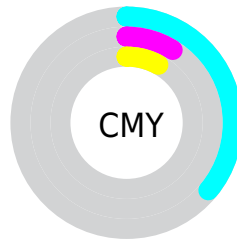


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (9%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.0100, 11.3341, -42.1048 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 212.0100, 11.3341, -42.1048 by changing the saturation by 10% instead.



■ 212.0100, 11.3341,  
-42.1048

■ 212.0100, 11.3341,  
-42.1048

■ 255.0000, 0.0000,  
0.0000

■ 184.0100, 11.3341,  
-42.1048

■ 244.8340, 5.0118,  
-20.9024

■ 156.3090, 11.1867,  
-41.4900

■ 253.5050, 0.7370,  
-3.0739

■ 129.4230, 11.6235,  
-41.5900

■ 103.1240, 11.7709,  
-42.2047

■ 76.6290, 12.5079,  
-45.2786

■ 52.3300, 12.6553,  
-45.8934

■ 36.2070, 9.2649,

-31.7535

■ 22.0730, 5.8800,  
-19.3580

■ 1.2540, 4.8048,  
-1.0998

■ 212.0100, 11.3341,  
-42.1048

■ 212.0100, 11.3341,  
-42.1048

■ 204.5460, 15.0138,  
-55.7298

■ 219.7730, 7.5069,  
-27.8649

■ 196.7830, 18.8410,  
-69.9697

■ 227.2370, 3.8272,  
-14.2398

■ 189.3190, 22.5207,  
-83.5948

■ 235.0000, 0.0000,  
0.0000

■ 181.5560, 26.3479,  
-97.8346

■ 241.5670, -3.2375,  
11.7807

■ 174.0920, 30.0276,  
-111.4597

■ 242.1540, -3.5269,  
11.2659

■ 166.3290, 33.8548,  
-125.6995

■ 242.7410, -3.8163,  
10.7511

■ 158.8650, 37.5346,  
-139.3246

■ 243.3280, -4.1057,  
10.2363

■ 243.9150, -4.3951,  
9.7215

■ 244.5020, -4.6845,  
9.2067

# Harmonies

## Analogous

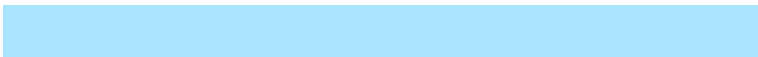
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.9050, 0.5398, -33.2427



212.0100, 11.3341, -42.1048



213.6820, 18.8908, -39.1861

# Triad

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



212.0100, 11.3341, -42.1048



223.6720, 11.0077, 16.0737



220.1430, -20.2835, 19.1686

# Complementary

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



212.0100, 11.3341, -42.1048



186.9900, -11.3341, 42.1048

# 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.



220.9470, -16.2429, 29.8645



212.0100, 11.3341, -42.1048



222.9310, 1.5130, 28.1245

# Square

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



212.0100, 11.3341, -42.1048



221.3320, 16.5983, -3.7992



220.5370, -7.6597, 30.2241



217.9020, -18.1927, 1.8399

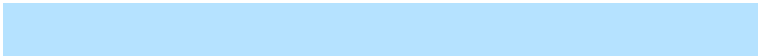


# Rectangle

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



212.0100, 11.3341, -42.1048



215.8510, 19.3005, -30.5643



220.5370, -7.6597, 30.2241



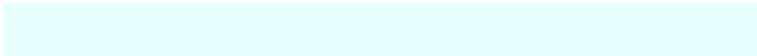
220.4040, -19.4262, 24.2017

# Sweetspot

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



212.0100, 11.3341, -42.1048



247.5360, 3.6798, -13.6251



205.9050, -19.6732, -36.7507



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.



212.0100, 11.3341, -42.1048



225.1440, 14.7190, -54.5003



191.4650, 21.4628, -24.0868



113.7110, 1.6215, -6.7625



122.1850, 28.9958, -107.1562



36.0930, 8.8282, -31.6536



# Inverse Universe

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



192.9810, 19.2364, 36.8507



200.5400, 24.8768, 47.7614



207.5350, -21.4628, 24.0868



110.5430, 3.1833, 5.6628



73.8410, 48.8854, 93.9784

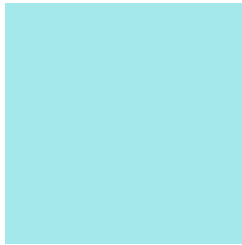


21.9600, 14.3167, 28.0991



# Previews

## White Background



This preview shows how the YUV color 212.0100, 11.3341, -42.1048 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

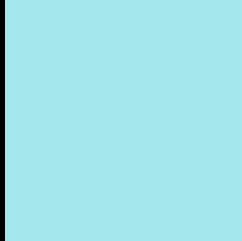
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.0100, 11.3341, -42.1048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

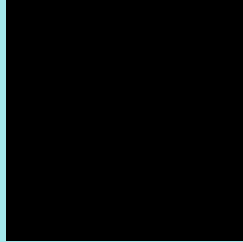
Any Text WCAG AA ✓ Pass

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 212.0100, 11.3341, -42.1048 Background



This preview shows how black text looks on a background with the YUV color 212.0100, 11.3341, -42.1048.



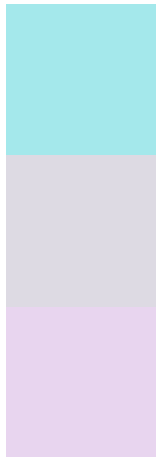
This preview shows how white text looks on a background with the YUV color 212.0100, 11.3341, -42.1048.

-42.1048.

# 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

212.0100, 11.3341, -42.1048

### Protanopia

219.9230, 3.4890, 0.9445

### Deuteranopia

221.6450, 8.5560, 9.0813



## Tritanopia

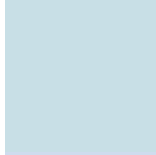
213.2150, 17.1490, -40.5306

# Trichromacy



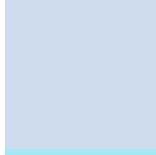
## Original Color

212.0100, 11.3341, -42.1048



## Protanomaly

216.9210, 6.4479, -14.8397



## Deuteranomaly

218.1650, 9.7787, -9.7917



## Tritanomaly

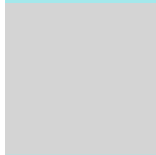
212.9330, 14.8230, -41.1602

# Monochromacy



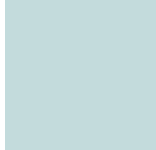
## Original Color

212.0100, 11.3341, -42.1048



## Achromatopsia

212.0000, 0.0000, 0.0000



## Achromatomaly

211.9380, 3.9746, -14.8546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.0100, 11.3341, -42.1048 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(164, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(164, 232, 235)  
}
```

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(164, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 232, 235) }
```

## Border

The CSS property to change the border of an element to YUV 212.0100, 11.3341, -42.1048 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(164, 232, 235) }
```



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

```
.border{ border-color:rgb(164, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(164, 232,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 212.0100, 11.3341, -42.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 232, 235) }
```

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

```
.background{ background-color: rgb(164,  
232, 235) }
```

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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