

# Converting Colors

YUV(209.3080, 12.6662,  
-49.3821)

Have a look what the booklet for  
YUV(209.3080, 12.6662, -49.3821)  
contains.

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# Color

**YUV(209.3080, 12.6662,  
-49.3821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E9EB
RGB	153, 233, 235
RGB Percent	60%, 91%, 92%
CMY	0.4000, 0.0863, 0.0784
CMYK	0.35, 0.01, 0.00, 0.08
HSL	181°, 67%, 76%
HSV	181°, 35%, 92%
XYZ	57.2712, 71.0483, 89.2924
YIQ	209.3080, -48.3220, -16.3380

# Conversions

## Conversions Part 2

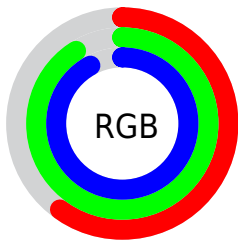
Format	Color
<a href="#">RYB</a>	153, 193, 235
Decimal	10086891
CIELab	87.51, -23.84, -8.74
CIElCh	88, 25.395, 200.134
Yxy	71.0483, 0.2632, 0.3265
Android (android.graphics.Color)	4288276971 (0xFF99E9EB)
YUV	209.3080, 12.6662, -49.3821
Hunter-Lab	84.2901, -26.2254, -3.8055

# Details

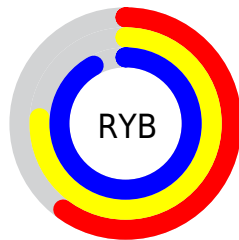
The YUV color  $209.3080, 12.6662, -49.3821$  is a light color, and the websafe version is hex  $99FFFF$ . A complement of this color would be  $178.6920, -12.6662, 49.3821$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $241.5450, 6.6333, -27.6650$ , and  $153.3080, 12.6662, -49.3821$  is the 20% darker color. If you saturate the color by 10%, you get  $201.8440, 16.3459, -63.0072$ , and if you desaturate by 10%, it is  $217.0710, 8.8390, -35.1423$ .

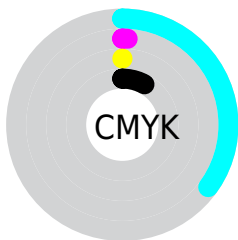
# Distribution



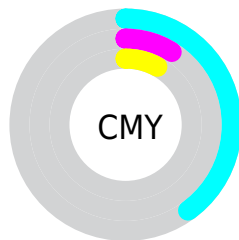
- Red (60%)
- Green (91%)
- Blue (92%)



- Red (60%)
- Yellow (76%)
- Blue (92%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.3080, 12.6662, -49.3821 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 209.3080, 12.6662, -49.3821 by changing the saturation by 10% instead.



209.3080, 12.6662,  
-49.3821

209.3080, 12.6662,  
-49.3821

255.0000, 0.0000,  
0.0000

181.3080, 12.6662,  
-49.3821

241.5450, 6.6333,  
-27.6650

153.3080, 12.6662,  
-49.3821

250.2160, 2.3585,  
-9.8364

126.1230, 13.2504,  
-50.0969

98.9270, 13.8400,  
-52.5560

69.7410, 15.9037,  
-61.1629

52.9170, 12.3659,  
-46.4082

36.7940, 8.9756,

-32.2683

■ 22.6600, 5.5906,  
-19.8728

■ 1.2540, 4.8048,  
-1.0998

■ 209.3080, 12.6662,  
-49.3821

■ 209.3080, 12.6662,  
-49.3821

■ 201.8440, 16.3459,  
-63.0072

■ 217.0710, 8.8390,  
-35.1423

■ 194.6680, 19.8837,  
-77.7618

■ 223.9480, 5.4486,  
-21.0024

■ 186.9050, 23.7108,  
-92.0017

■ 231.4120, 1.7689,  
-7.3773

■ 180.0280, 27.1012,  
-106.1416

■ 238.5880, -1.7689,  
7.3773

■ 172.2650, 30.9284,  
-120.3814

■ 241.5670, -3.2375,  
11.7807

■ 165.3880, 34.3187,  
-134.5213

■ 242.1540, -3.5269,  
11.2659

■ 161.2130, 36.3770,  
-141.3838

■ 242.7410, -3.8163,  
10.7511

# Harmonies

## Analogous

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



210.9430, -0.4649, -37.6610



209.3080, 12.6662, -49.3821



211.0230, 21.6807, -47.3782

# Triad

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



209.3080, 12.6662, -49.3821



223.2530, 13.1863, 17.3181



219.0680, -23.2045, 22.7424

# Complementary

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



209.3080, 12.6662, -49.3821



178.6920, -12.6662, 49.3821

# 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.



218.6160, -17.5587, 31.9088



209.3080, 12.6662, -49.3821



221.3980, 3.2548, 29.4690

# Square

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



209.3080, 12.6662, -49.3821



219.5490, 17.4773, -5.7435



218.6620, -7.2284, 31.8684



216.5170, -20.9609, 3.0546

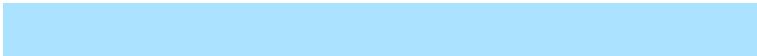


# Rectangle

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



209.3080, 12.6662, -49.3821



212.8610, 20.7745, -36.7121



218.6620, -7.2284, 31.8684



219.7420, -22.0578, 28.2903

# Sweetspot

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



209.3080, 12.6662, -49.3821



246.9380, 3.9746, -14.8546



201.2480, -23.2933, -42.3135



122.6290, 2.6479, -9.3216



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.



209.3080, 12.6662, -49.3821



221.2460, 16.6407, -64.2367



185.8280, 24.2418, -28.7902



113.7110, 1.6215, -6.7625



124.5330, 27.8382, -109.2154



36.6800, 8.5388, -32.1684



# Inverse Universe

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



186.6380, 22.8565, 42.4135



191.8490, 29.6544, 55.3834



202.1720, -24.2418, 28.7902



110.5430, 3.1833, 5.6628



74.2970, 50.6326, 93.5785

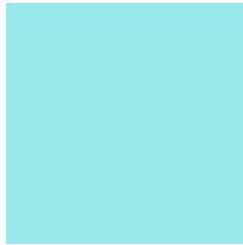


22.0740, 14.7535, 27.9991



# Previews

## White Background



This preview shows how the YUV color 209.3080, 12.6662, -49.3821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

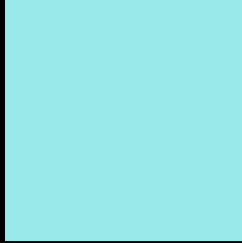
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.3080, 12.6662, -49.3821 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 209.3080, 12.6662, -49.3821 Background



This preview shows how black text looks on a background with the YUV color 209.3080, 12.6662, -49.3821.



This preview shows how white text looks on a background with the YUV color 209.3080, 12.6662, -49.3821.

-49.3821.

# 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

209.3080, 12.6662, -49.3821

### Protanopia

218.8090, 3.0522, 1.0445

### Deuteranopia

220.4600, 9.1402, 8.3666



## Tritanopia

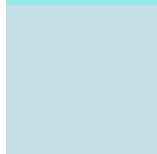
210.9260, 18.7705, -47.2931

# Trichromacy



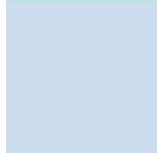
## Original Color

209.3080, 12.6662, -49.3821



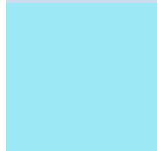
## Protanomaly

215.6110, 6.6008, -17.1988



## Deuteranomaly

216.6700, 10.5157, -12.8656



## Tritanomaly

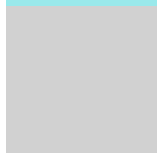
210.6440, 16.4445, -47.9228

# Monochromacy



## Original Color

209.3080, 12.6662, -49.3821



## Achromatopsia

209.0000, 0.0000, 0.0000



## Achromatomaly

209.3290, 4.2748, -17.8285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.3080, 12.6662, -49.3821 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(153, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(153, 233, 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(153, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 233, 235) }
```

## Border

The CSS property to change the border of an element to YUV 209.3080, 12.6662, -49.3821 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(153, 233, 235) }
```



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

```
.border{ border-color:rgb(153, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(153, 233,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 209.3080, 12.6662, -49.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 233, 235) }
```

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

```
.background{ background-color: rgb(153,  
233, 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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