

# Converting Colors

YUV(212.1390, -4.5055,  
-48.3569)

Have a look what the booklet for  
YUV(212.1390, -4.5055, -48.3569)  
contains.

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# Color

**YUV(212.1390, -4.5055,  
-48.3569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DF2CB
RGB	157, 242, 203
RGB Percent	62%, 95%, 80%
CMY	0.3843, 0.0510, 0.2039
CMYK	0.35, 0.00, 0.16, 0.05
HSL	152°, 77%, 78%
HSV	152°, 35%, 95%
XYZ	56.4363, 74.9842, 67.9988
YIQ	212.1390, -38.1410, -30.1490

# Conversions

## Conversions Part 2

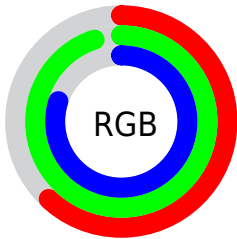
Format	Color
<a href="#">RYB</a>	<a href="#">157, 212, 242</a>
Decimal	<a href="#">10351307</a>
CIELab	<a href="#">89.39, -34.00, 10.75</a>
CIELCh	<a href="#">89, 35.654, 162.458</a>
Yxy	<a href="#">74.9842, 0.2830, 0.3760</a>
Android (android.graphics.Color)	<a href="#">4288541387 (0xFF9DF2CB)</a>
YUV	<a href="#">212.1390, -4.5055, -48.3569</a>
Hunter-Lab	<a href="#">86.5934, -35.2031, 14.0570</a>

# Details

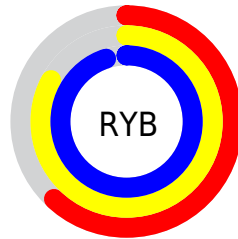
The YUV color  $212.1390, -4.5055, -48.3569$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $186.8610, 4.5055, 48.3569$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.7410, 6.0437, -25.2059$ , and  $156.0790, -3.4899, -47.4273$  is the 20% darker color. If you saturate the color by 10%, you get  $203.7090, -5.7725, -62.0118$ , and if you desaturate by 10%, it is  $220.5690, -3.2385, -34.7020$ .

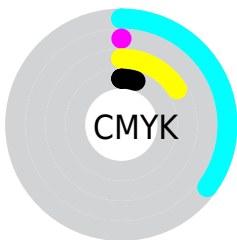
# Distribution



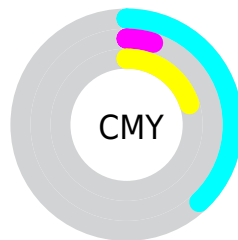
- Red (62%)
- Green (95%)
- Blue (80%)



- Red (62%)
- Yellow (83%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)




- Cyan (38%)
- Magenta (5%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 212.1390, -4.5055, -48.3569 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 212.1390, -4.5055, -48.3569 by changing the saturation by 10% instead.




 212.1390, -4.5055,  
-48.3569


 212.1390, -4.5055,  
-48.3569


255.0000, 0.0000,  
0.0000

 183.6660, -3.7793,  
-47.9421


 242.7410, 6.0437,  
-25.2059


 156.0790, -3.4899,  
-47.4273

 251.4120, 1.7689,  
-7.3773

 129.1930, -3.0531,  
-47.5273

 102.4100, -2.1741,  
-49.4716


 73.3490, 0.3209,  
-56.4341


 53.4750, -0.7272,  
-46.8976


 37.4660, -3.6807,

-32.8577

 22.4030, -8.0867,  
-19.6474


 0.0000, 0.0000,  
0.0000


 212.1390, -4.5055,  
-48.3569

 212.1390, -4.5055,  
-48.3569

 203.7090, -5.7725,  
-62.0118


 220.5690, -3.2385,  
-34.7020


 195.2790, -7.0395,  
-75.6667

 228.9990, -1.9715,  
-21.0471

 186.5500, -8.1592,  
-89.9364

 237.7280, -0.8519,  
-6.7775

 178.1200, -9.4262,  
-103.5912

 246.1580, 0.4151,  
6.8774

■ 169.5760,  
-11.1300, -117.1462

■ 247.3690, 3.7621,  
6.6924

■ 161.1460,  
-12.3970, -130.8010

■ 156.9880,  
-12.8121, -137.6785

# Harmonies

## Analogous

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



216.9720, -21.1852, -18.3924



212.1390, -4.5055, -48.3569



207.7350, 14.9206, -72.5586

# Triad

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



212.1390, -4.5055, -48.3569



220.3690, 17.0731, -16.1096



217.1000, -18.2903, 33.2383

# Complementary

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



212.1390, -4.5055, -48.3569



186.8610, 4.5055, 48.3569

# 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.



217.6990, -3.3026, 32.7130



212.1390, -4.5055, -48.3569



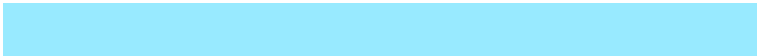
226.7800, 13.9125, 17.7329

# Square

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



212.1390, -4.5055, -48.3569



211.8760, 21.2601, -52.5113



222.8630, 11.4065, 28.1841



221.2770, -30.2096, 29.5751

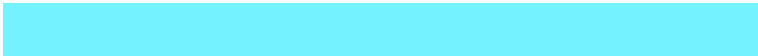


# Rectangle

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



212.1390, -4.5055, -48.3569



206.1070, 24.1042, -78.1468



222.8630, 11.4065, 28.1841



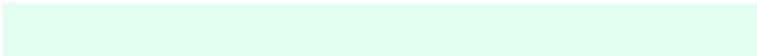
216.4790, -13.0541, 33.7829

# Sweetspot

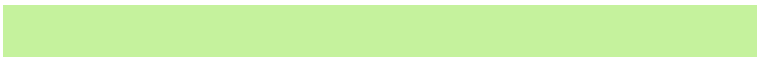
The Sweet Spot groups the original color and five complimentary colors.



212.1390, -4.5055, -48.3569



245.1460, -1.5510, -15.9140



218.8550, -30.4945, -19.1668



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

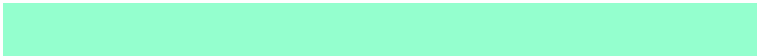


# Same Dimension

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



212.1390, -4.5055, -48.3569



217.4210, -5.6306, -60.8822



214.8240, 13.3978, -50.7116



115.7280, -0.8519, -6.7775



119.2940, -10.0049, -104.6208



36.2920, -3.1020, -31.8281



# Inverse Universe

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



186.8610, 4.5055, 48.3569



185.5790, 5.6306, 60.8822



184.1760, -13.3978, 50.7116



112.1580, 0.4151, 6.8774



64.5920, 9.5681, 104.7208

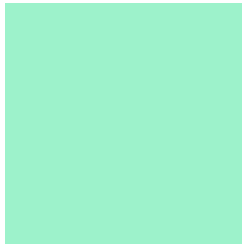


19.7080, 3.1020, 31.8281



# Previews

## White Background



This preview shows how the YUV color 212.1390, -4.5055, -48.3569 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 212.1390, -4.5055, -48.3569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

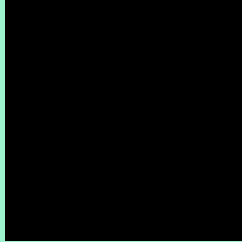
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

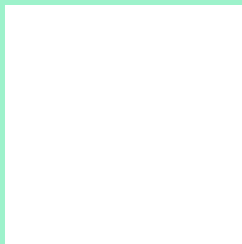
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 212.1390, -4.5055, -48.3569

## Background



This preview shows how black text looks on a background with the YUV color 212.1390, -4.5055, -48.3569.



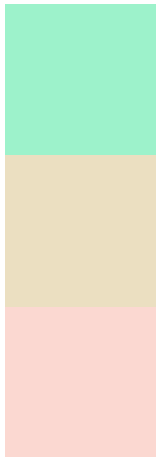
This preview shows how white text looks on a background with the YUV color 212.1390, -4.5055, -48.3569.

-48.3569.

# 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

212.1390, -4.5055, -48.3569

### Protanopia

223.1680, -14.8728, 10.3767

### Deuteranopia

225.6670, -8.2168, 22.2170



## Tritanopia

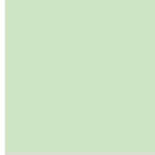
217.1330, 18.1754, -43.0896

# Trichromacy



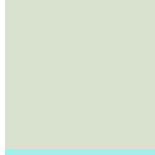
## Original Color

212.1390, -4.5055, -48.3569



## Protanomaly

219.3610, -11.0240, -10.8406



## Deuteranomaly

220.5560, -6.6831, -3.1186



## Tritanomaly

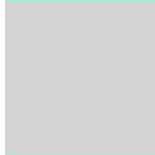
215.5320, 9.5977, -45.1936

# Monochromacy



## Original Color

212.1390, -4.5055, -48.3569



## Achromatopsia

212.0000, 0.0000, 0.0000



## Achromatomaly

212.1350, -1.5456, -17.6584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.1390, -4.5055, -48.3569 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, 242, 203)` looks like.

```
.text, #text, p{  
    color:rgb(157, 242, 203)  
}
```

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, 242, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 242, 203) }
```

## Border

The CSS property to change the border of an element to YUV 212.1390, -4.5055, -48.3569 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, 242, 203) }
```



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

```
.border{ border-color:rgb(157, 242, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 242, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 242, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 242, 203);  
box-shadow:4px 4px 4px 4px rgb(157, 242,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 212.1390, -4.5055, -48.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 242, 203) }
```

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

```
.background{ background-color: rgb(157,  
242, 203) }
```

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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