

# Converting Colors

YUV(217.7790, 18.3500,  
-52.4262)

Have a look what the booklet for  
YUV(217.7790, 18.3500, -52.4262)  
contains.

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# Color

**YUV(217.7790, 18.3500,  
-52.4262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EF1FF
RGB	158, 241, 255
RGB Percent	62%, 95%, 100%
CMY	0.3804, 0.0549, 0.0000
CMYK	0.38, 0.05, 0.00, 0.00
HSL	189°, 100%, 81%
HSV	189°, 38%, 100%
XYZ	63.6058, 77.3997, 106.1950
YIQ	217.7790, -53.9620, -13.2420

# Conversions

## Conversions Part 2

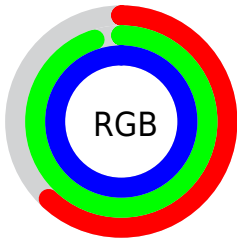
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 203, 255
Decimal	10416639
CIE <sub>Lab</sub>	90.51, -21.73, -14.71
CIE <sub>LCh</sub>	91, 26.242, 214.096
Yxy	77.3997, 0.2573, 0.3131
Android (android.graphics.Color)	4288606719 (0xFF9EF1FF)
YUV	217.7790, 18.3500, -52.4262
Hunter-Lab	87.9771, -24.9076, -9.9835

# Details

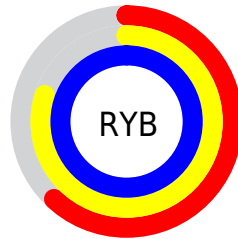
The YUV color **217.7790, 18.3500, -52.4262** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.2210, -18.3500, 52.4262**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **161.3660, 18.0606, -52.9410** is the 20% darker color. If you saturate the color by 10%, you get **207.6570, 23.3401, -66.3512**, and if you desaturate by 10%, it is **227.9010, 13.3598, -38.5012**.

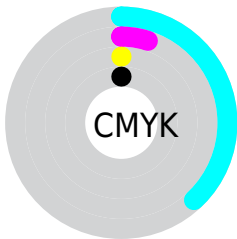
# Distribution



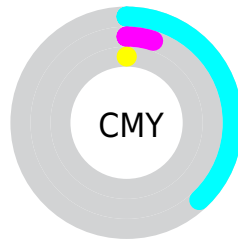
- Red (62%)
- Green (95%)
- Blue (100%)



- Red (62%)
- Yellow (80%)
- Blue (100%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.7790, 18.3500, -52.4262 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 217.7790, 18.3500, -52.4262 by changing the saturation by 10% instead.



217.7790, 18.3500,  
-52.4262

217.7790, 18.3500,  
-52.4262

255.0000, 0.0000,  
0.0000

189.6650, 17.9132,  
-52.3262

243.3390, 5.7489,  
-23.9763

161.3660, 18.0606,  
-52.9410

252.0100, 1.4741,  
-6.1478

133.7680, 18.3554,  
-54.1705

105.2730, 19.0924,  
-57.2444

75.7880, 21.3035,  
-66.4661

58.8500, 17.3289,  
-51.6114

42.0260, 13.7912,

-36.8568

■ 26.6040, 10.5482,  
-23.3317

■ 6.1270, 10.7834,  
-5.3734

■ 217.7790, 18.3500,  
-52.4262

■ 217.7790, 18.3500,  
-52.4262

■ 207.6570, 23.3401,  
-66.3512

■ 227.9010, 13.3598,  
-38.5012

■ 198.4210, 27.8934,  
-80.1762

■ 237.1370, 8.8065,  
-24.6761

■ 188.5980, 32.7362,  
-93.4864

■ 247.2590, 3.8163,  
-10.7511

■ 178.4760, 37.7263,  
-107.4115

■ 255.0000, 0.0000,  
0.0000

■ 169.2400, 42.2797,  
-121.2365

■ 159.1180, 47.2698,  
-135.1615

■ 157.0360, 48.2963,  
-137.7206

# Harmonies

## Analogous

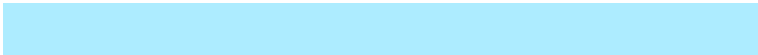
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.6090, 6.1088, -46.1381



217.7790, 18.3500, -52.4262



219.3290, 17.5858, -40.6305

# Triad

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



217.7790, 18.3500, -52.4262



229.7760, 9.9704, 22.1214



226.1980, -23.7616, 14.7354

# Complementary

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



217.7790, 18.3500, -52.4262



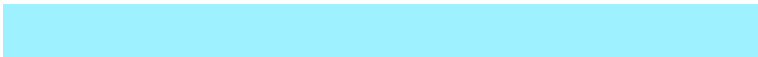
195.2210, -18.3500, 52.4262

# 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.



225.6600, -21.0314, 25.7312



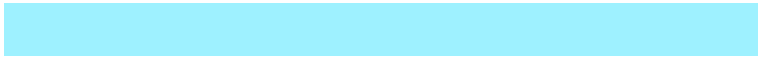
217.7790, 18.3500, -52.4262



225.1650, -0.0813, 26.1653

# Square

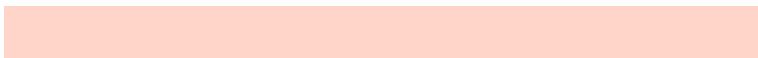
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



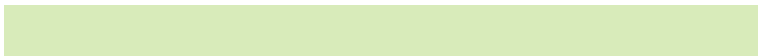
217.7790, 18.3500, -52.4262



229.0730, 12.7820, 6.9520



223.6030, -11.1433, 27.5352



223.7330, -18.6024, -6.7818

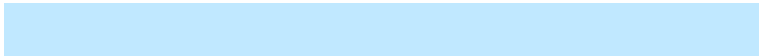


# Rectangle

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



217.7790, 18.3500, -52.4262



222.6620, 15.9426, -26.8906



223.6030, -11.1433, 27.5352



227.1280, -24.2201, 21.8127

# Sweetspot

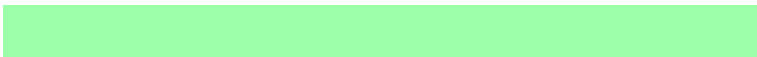
The Sweet Spot groups the original color and five complimentary colors.



217.7790, 18.3500, -52.4262



244.2800, 5.2850, -15.1546



216.4210, -22.3926, -51.2352



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000

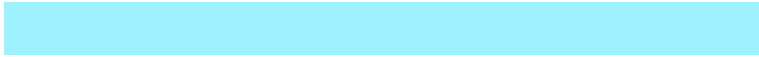


128.0000, 0.0000, 0.0000

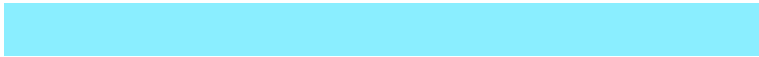


# Same Dimension

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



217.7790, 18.3500, -52.4262



210.0380, 22.1663, -63.1773



190.1900, 31.9513, -28.2306



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125



# Inverse Universe

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



196.4650, 21.9558, 51.3352



184.3830, 26.4332, 61.9311



222.8100, -31.9513, 28.2306



120.1410, 2.8885, 6.8923



75.8050, 43.4801, 101.0260

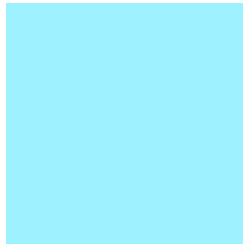


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 217.7790, 18.3500, -52.4262 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

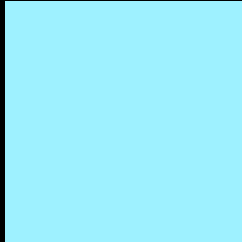
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.7790, 18.3500, -52.4262 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

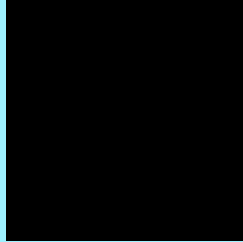
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 217.7790, 18.3500, -52.4262

## Background



This preview shows how black text looks on a background with the YUV color 217.7790, 18.3500, -52.4262.



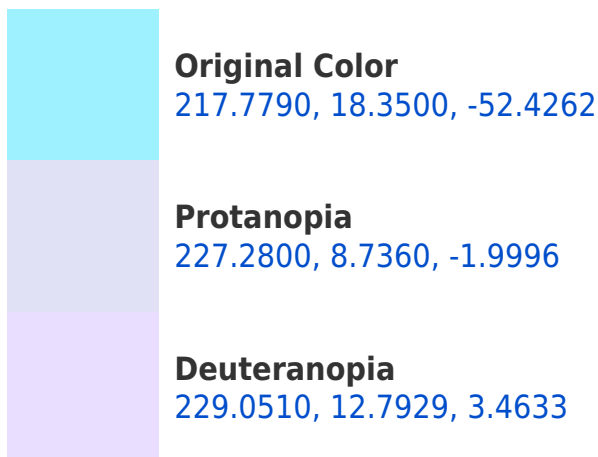
This preview shows how white text looks on a background with the YUV color 217.7790, 18.3500, -52.4262.

-52.4262.

# 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

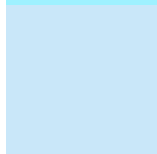
219.9050, 17.3018, -42.8897

# Trichromacy



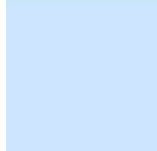
## Original Color

217.7790, 18.3500, -52.4262



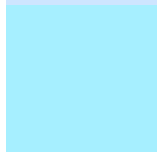
## Protanomaly

224.0820, 12.2846, -20.2429



## Deuteranomaly

225.0870, 14.7471, -16.7393



## Tritanomaly

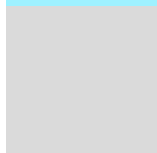
218.9970, 17.7495, -46.4784

# Monochromacy



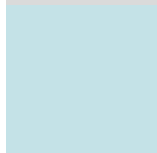
## Original Color

217.7790, 18.3500, -52.4262



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

217.6000, 6.6062, -18.9432

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.7790, 18.3500, -52.4262 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(158, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 241, 255)  
}
```

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(158, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 241, 255) }
```

## Border

The CSS property to change the border of an element to YUV 217.7790, 18.3500, -52.4262 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(158, 241, 255) }
```



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

```
.border{ border-color:rgb(158, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 241,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 217.7790, 18.3500, -52.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 241, 255) }
```

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

```
.background{ background-color: rgb(158,  
241, 255) }
```

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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