

# Converting Colors

YUV(202.4910, 18.4919,  
-51.2966)

Have a look what the booklet for  
YUV(202.4910, 18.4919, -51.2966)  
contains.

<b>YUV(202.4910, 18.4919, -51.2966)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YUV(202.4910, 18.4919,  
-51.2966)**

# Conversions

Conversions Part 1	
Format	Color
Hex	90E1F0
RGB	144, 225, 240
RGB Percent	56%, 88%, 94%
CMY	0.4353, 0.1176, 0.0588
CMYK	0.40, 0.06, 0.00, 0.06
HSL	189°, 76%, 75%
HSV	189°, 40%, 94%
XYZ	54.1550, 66.0710, 92.3368
YIQ	202.4910, -53.0910, -12.5070

# Conversions

## Conversions Part 2

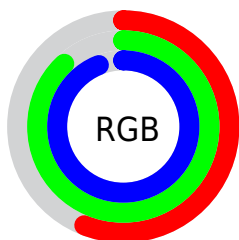
Format	Color
<a href="#">RYB</a>	<a href="#">144, 188, 240</a>
Decimal	<a href="#">9495024</a>
CIELab	<a href="#">85.03, -20.97, -15.11</a>
CIELCh	<a href="#">85, 25.852, 215.776</a>
Yxy	<a href="#">66.0710, 0.2548, 0.3108</a>
Android (android.graphics.Color)	<a href="#">4287685104</a> (0xFF90E1F0)
YUV	<a href="#">202.4910, 18.4919, -51.2966</a>
Hunter-Lab	<a href="#">81.2841, -23.3226, -10.4532</a>

# Details

The YUV color **202.4910, 18.4919, -51.2966** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **181.5090, -18.4919, 51.2966**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, 7.9600, -33.1980**, and **146.7790, 18.3500, -52.4262** is the 20% darker color. If you saturate the color by 10%, you get **192.9670, 23.1873, -63.9921**, and if you desaturate by 10%, it is **212.0150, 13.7966, -38.6012**.

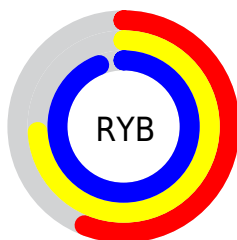
# Distribution



Red (56%)

Green (88%)

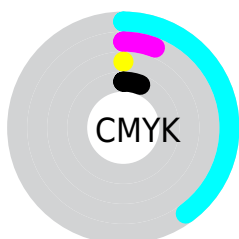
Blue (94%)



Red (56%)

Yellow (74%)

Blue (94%)

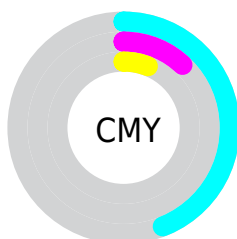


Cyan (40%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (44%)

Magenta (12%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.4910, 18.4919, -51.2966 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 202.4910, 18.4919, -51.2966 by changing the saturation by 10% instead.



 202.4910, 18.4919,  
-51.2966

 202.4910, 18.4919,  
-51.2966


255.0000, 0.0000,  
0.0000


 174.4910, 18.4919,  
-51.2966


 238.8540, 7.9600,  
-33.1980


 146.7790, 18.3500,  
-52.4262

 247.8240, 3.5378,  
-14.7546

 119.1810, 18.6448,  
-53.6557

 89.8920, 20.2662,  
-60.4183

 66.0880, 19.6766,  
-57.9592

 49.8510, 15.8495,  
-43.7193

 33.7280, 12.4591,

-29.5795

■ 20.0670, 8.3480,  
-17.5988

■ 2.2970, 6.2626,  
-2.0145

■ 202.4910, 18.4919,  
-51.2966

■ 202.4910, 18.4919,  
-51.2966

■ 192.9670, 23.1873,  
-63.9921

■ 212.0150, 13.7966,  
-38.6012

■ 183.4430, 27.8826,  
-76.6875

■ 220.9520, 9.3907,  
-25.3909

■ 174.5060, 32.2885,  
-89.8978


■ 230.4760, 4.6953,  
-12.6955


■ 164.9820, 36.9839,  
-102.5932

■ 240.0000, 0.0000,  
0.0000

 155.4580, 41.6792,  
-115.2887

 246.8330, -3.3687,  
7.1625

 145.9340, 46.3745,  
-127.9841

 248.5940, -4.2368,  
5.6181

 250.9420, -5.3944,  
3.5589

 253.2900, -6.5520,  
1.4997

# Harmonies

## Analogous

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



202.1360, 6.8350, -45.7233



202.4910, 18.4919, -51.2966



206.0500, 24.1324, -40.3858

# Triad

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



202.4910, 18.4919, -51.2966



216.9400, 7.9176, 27.2396



210.7140, -23.0300, 13.4058

# Complementary

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



202.4910, 18.4919, -51.2966



181.5090, -18.4919, 51.2966

# 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.



213.1660, -21.7738, 30.5494



202.4910, 18.4919, -51.2966



214.4220, -3.1660, 35.5869

# Square

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



202.4910, 18.4919, -51.2966



215.7400, 17.8762, 6.3670



212.9740, -13.7912, 36.8568



208.2490, -17.8708, -8.1114

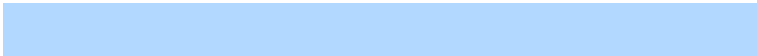


# Rectangle

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



202.4910, 18.4919, -51.2966



209.3830, 22.4892, -26.6459



212.9740, -13.7912, 36.8568



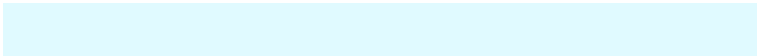
211.9320, -23.6305, 19.3536

# Sweetspot

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



202.4910, 18.4919, -51.2966



242.7960, 6.0166, -16.4841



201.9480, -21.6664, -50.8204



120.8570, 3.5215, -9.5216



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.



202.4910, 18.4919, -51.2966



207.3690, 23.4821, -65.2216



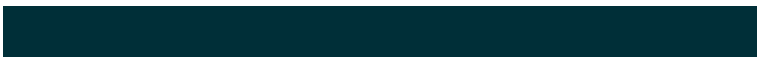
174.9020, 32.0933, -27.1011



115.2380, 2.3477, -6.3477



111.9610, 35.5152, -98.1898



33.9730, 10.8593, -29.7943



# Inverse Universe

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



181.9380, 21.2296, 50.9204



181.2200, 27.0065, 64.7051



209.0980, -32.0933, 27.1011



112.7280, 2.5991, 6.3775



72.6860, 40.5808, 97.6224

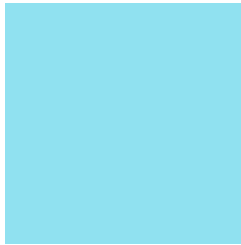


22.1020, 12.2747, 29.7285



# Previews

## White Background



This preview shows how the YUV color 202.4910, 18.4919, -51.2966 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

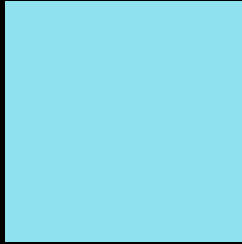
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.4910, 18.4919, -51.2966 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 202.4910, 18.4919, -51.2966

## Background



This preview shows how black text looks on a background with the YUV color 202.4910, 18.4919, -51.2966.



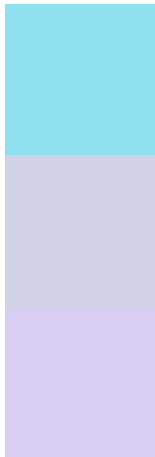
This preview shows how white text looks on a background with the YUV color 202.4910, 18.4919, -51.2966.



# 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

202.4910, 18.4919, -51.2966

### Protanopia

212.2800, 8.7360, -1.9996

### Deuteranopia

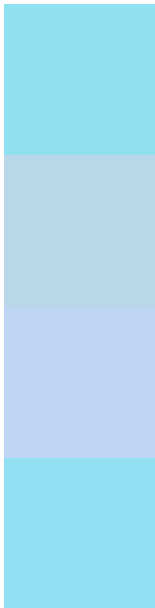
213.3220, 15.1243, 2.3486



## **Tritanopia**

203.1320, 19.6549, -50.9818

# Trichromacy



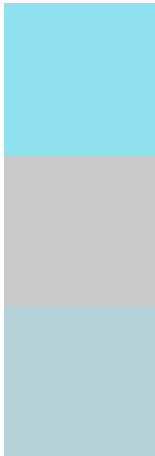
**Original Color**  
202.4910, 18.4919, -51.2966

**Protanomaly**  
208.4950, 12.5740, -19.7281

**Deuteranomaly**  
209.5430, 16.4943, -17.1392

**Tritanomaly**  
203.0180, 19.2181, -50.8818

# Monochromacy



**Original Color**  
202.4910, 18.4919, -51.2966

**Achromatopsia**  
202.0000, 0.0000, 0.0000

**Achromatomaly**  
202.0130, 6.8956, -18.4284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.4910, 18.4919, -51.2966 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(144, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(144, 225, 240)  
}
```

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(144, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 225, 240) }
```

## Border

The CSS property to change the border of an element to YUV 202.4910, 18.4919, -51.2966 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(144, 225, 240) }
```



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

```
.border{ border-color:rgb(144, 225, 240) }
```

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

Here you see how a box with a 4 pixel rgb(144, 225, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(144, 225,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 202.4910, 18.4919, -51.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 225, 240) }
```

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

```
.background{ background-color: rgb(144,  
225, 240) }
```

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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