

# Converting Colors

YUV(191.2520, 17.6238,  
-52.8410)

Have a look what the booklet for  
YUV(191.2520, 17.6238, -52.8410)  
contains.

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# Color

**YUV(191.2520, 17.6238,  
-52.8410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D7E3
RGB	131, 215, 227
RGB Percent	51%, 84%, 89%
CMY	0.4863, 0.1569, 0.1098
CMYK	0.42, 0.05, 0.00, 0.11
HSL	188°, 63%, 70%
HSV	188°, 42%, 89%
XYZ	47.5256, 58.9722, 81.5510
YIQ	191.2520, -53.9160, -14.0760

# Conversions

## Conversions Part 2

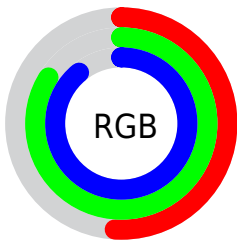
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 176, 227
Decimal	8640483
CIELab	81.28, -22.44, -13.91
CIELCh	81, 26.401, 211.799
Yxy	58.9722, 0.2527, 0.3136
Android (android.graphics.Color)	4286830563 (0xFF83D7E3)
YUV	191.2520, 17.6238, -52.8410
Hunter-Lab	76.7934, -23.9189, -9.2078

# Details

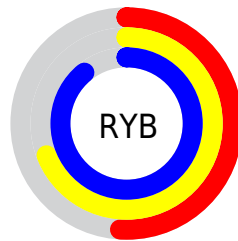
The YUV color **191.2520, 17.6238, -52.8410** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.7480, -17.6238, 52.8410**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **135.6540, 17.9186, -54.0706** is the 20% darker color. If you saturate the color by 10%, you get **182.6140, 21.8823, -65.4365**, and if you desaturate by 10%, it is **199.8900, 13.3652, -40.2455**.

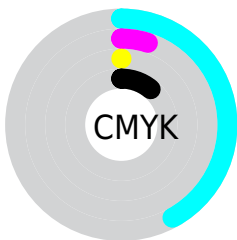
# Distribution



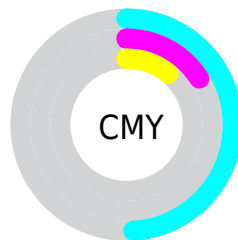
- Red (51%)
- Green (84%)
- Blue (89%)



- Red (51%)
- Yellow (69%)
- Blue (89%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.2520, 17.6238, -52.8410 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 191.2520, 17.6238, -52.8410 by changing the saturation by 10% instead.



■ 191.2520, 17.6238,  
-52.8410

■ 191.2520, 17.6238,  
-52.8410

■ 255.0000, 0.0000,  
0.0000

■ 163.2520, 17.6238,  
-52.8410

■ 234.9670, 9.8763,  
-41.1901

■ 135.6540, 17.9186,  
-54.0706

■ 243.6380, 5.6015,  
-23.3615

■ 107.7460, 18.3662,  
-57.6592

■ 252.6080, 1.1793,  
-4.9182

■ 76.9620, 20.7247,  
-67.4957

■ 60.1380, 17.1870,  
-52.7410

■ 43.3140, 13.6492,  
-37.9864

■ 27.8920, 10.4062,

-24.4613

■ 9.0620, 9.3364,  
-7.9474

■ 0.0000, 0.0000,  
0.0000

■ 191.2520, 17.6238,  
-52.8410

■ 191.2520, 17.6238,  
-52.8410

■ 182.6140, 21.8823,  
-65.4365

■ 199.8900, 13.3652,  
-40.2455

■ 174.2750, 25.9934,  
-77.4172

■ 208.2290, 9.2541,  
-28.2648

■ 165.6370, 30.2520,  
-90.0126

■ 216.8670, 4.9956,  
-15.6694

■ 157.5860, 34.2211,  
-103.1229

■ 224.9180, 1.0264,  
-2.5591

■ 148.9480, 38.4796,  
-115.7184

■ 233.5560, -3.2321,  
10.0364

■ 142.6910, 41.5643,  
-125.1400

■ 238.3070, -5.5744,  
14.6398

■ 240.0680, -6.4425,  
13.0954

■ 241.8290, -7.3107,  
11.5510

■ 243.5900, -8.1789,  
10.0066

# Harmonies

## Analogous

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



191.7940, 5.5246, -45.4233



191.2520, 17.6238, -52.8410



194.8430, 24.7274, -44.5893

# Triad

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



191.2520, 17.6238, -52.8410



206.3850, 9.6702, 25.0954



200.9100, -23.6196, 15.8649

# Complementary

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



191.2520, 17.6238, -52.8410



166.7480, -17.6238, 52.8410

# 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.



203.1770, -21.7793, 32.2938



191.2520, 17.6238, -52.8410



205.6720, -2.3033, 38.8757

# Square

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



191.2520, 17.6238, -52.8410



204.4730, 19.4868, 3.0932



204.7080, -13.6600, 41.4751



197.6300, -19.0446, -4.9375

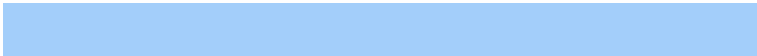


# Rectangle

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



191.2520, 17.6238, -52.8410



198.1590, 25.5576, -30.8344



204.7080, -13.6600, 41.4751



201.5410, -23.9307, 22.3275

# Sweetspot

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



191.2520, 17.6238, -52.8410



242.7850, 6.0220, -18.2284



188.6060, -22.9768, -50.5205



119.9600, 3.9637, -11.3659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

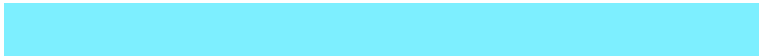


# Same Dimension

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



191.2520, 17.6238, -52.8410



206.7380, 23.7932, -71.6842



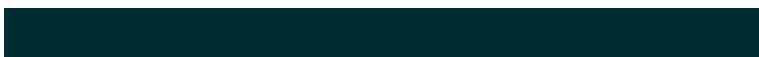
163.6630, 31.2251, -28.6455



110.2380, 2.3477, -6.3477



111.9780, 33.0418, -98.2047



32.2290, 9.2541, -28.2648



# Inverse Universe

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



169.2800, 22.5400, 50.6204



176.8660, 30.6321, 68.5235



194.3370, -31.2251, 28.6455



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485

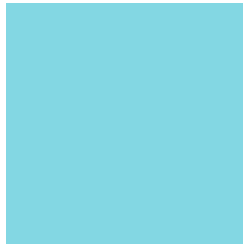


20.3790, 12.1382, 26.8546



# Previews

## White Background



This preview shows how the YUV color 191.2520, 17.6238, -52.8410 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

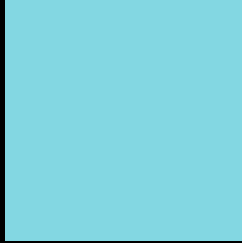
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.2520, 17.6238, -52.8410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

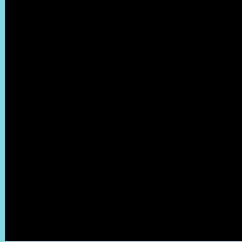
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 191.2520, 17.6238, -52.8410

## Background



This preview shows how black text looks on a background with the YUV color 191.2520, 17.6238, -52.8410.



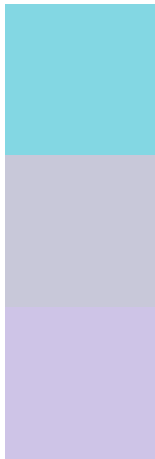
This preview shows how white text looks on a background with the YUV color 191.2520, 17.6238, -52.8410.

-52.8410.

# 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

191.2520, 17.6238, -52.8410

### Protanopia

201.9380, 7.4256, -1.6996

### Deuteranopia

202.9800, 13.8139, 2.6485



## Tritanopia

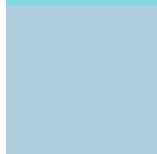
191.5340, 19.9497, -52.2113

# Trichromacy



## Original Color

191.2520, 17.6238, -52.8410



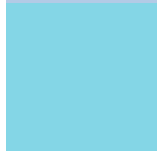
## Protanomaly

197.8540, 11.4110, -20.0430



## Deuteranomaly

198.9020, 15.3313, -17.4541



## Tritanomaly

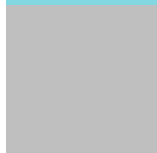
191.3060, 19.0761, -52.0114

# Monochromacy



## Original Color

191.2520, 17.6238, -52.8410



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

191.1870, 6.3168, -19.4580

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.2520, 17.6238, -52.8410 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(131, 215, 227)` looks like.

```
.text, #text, p{  
    color:rgb(131, 215, 227)  
}
```

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(131, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 215, 227) }
```

## Border

The CSS property to change the border of an element to YUV 191.2520, 17.6238, -52.8410 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(131, 215, 227) }
```



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

```
.border{ border-color:rgb(131, 215, 227) }
```

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

Here you see how a box with a 4 pixel rgb(131, 215, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(131, 215,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 191.2520, 17.6238, -52.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 215, 227) }
```

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

```
.background{ background-color: rgb(131,  
215, 227) }
```

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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