

# Converting Colors

YUV(191.2620, 22.0558,  
-121.2558)

Have a look what the booklet for  
YUV(191.2620, 22.0558, -121.2558)  
contains.

<b>YUV(191.2620, 22.0558, -121.2558)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(191.2620, 22.0558,  
-121.2558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35FDEC
RGB	53, 253, 236
RGB Percent	21%, 99%, 93%
CMY	0.7922, 0.0078, 0.0745
CMYK	0.79, 0.00, 0.07, 0.01
HSL	175°, 98%, 60%
HSV	175°, 79%, 99%
XYZ	51.7338, 77.0636, 91.5050
YIQ	191.2620, -113.7430, -47.6870

# Conversions

## Conversions Part 2

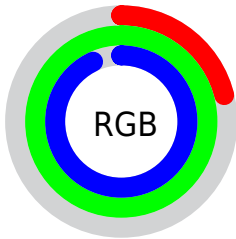
Format	Color
<a href="#">RYB</a>	<a href="#">53, 157, 253</a>
Decimal	<a href="#">3538412</a>
CIELab	<a href="#">90.35, -50.17, -5.37</a>
CIELCh	<a href="#">90, 50.456, 186.114</a>
Yxy	<a href="#">77.0636, 0.2348, 0.3498</a>
Android (android.graphics.Color)	<a href="#">4281728492</a> ( <a href="#">0xFF35FDEC</a> )
YUV	<a href="#">191.2620, 22.0558, -121.2558</a>
Hunter-Lab	<a href="#">87.7859, -48.4320, -0.3518</a>

# Details

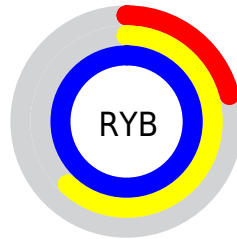
The YUV color **191.2620, 22.0558, -121.2558** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **114.7380, -22.0558, 121.2558**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8210, 17.8362, -74.3880**, and **134.9850, 22.1924, -118.3818** is the 20% darker color. If you saturate the color by 10%, you get **183.5590, 24.8674, -136.4252**, and if you desaturate by 10%, it is **198.9650, 19.2443, -106.0863**.

# Distribution



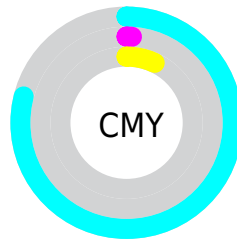
- Red (21%)
- Green (99%)
- Blue (93%)



- Red (21%)
- Yellow (62%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.2620, 22.0558, -121.2558 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 191.2620, 22.0558, -121.2558 by changing the saturation by 10% instead.



191.2620, 22.0558,  
-121.2558

191.2620, 22.0558,  
-121.2558

255.0000, 0.0000,  
0.0000

155.2000, 26.0304,  
-136.1104

218.8210, 17.8362,  
-74.3880

134.9850, 22.1924,  
-118.3818

228.6880, 12.9718,  
-54.1004

116.1720, 18.6492,  
-101.8828

238.5550, 8.1074,  
-33.8127

96.7720, 15.3954,  
-84.8690

248.1230, 3.3904,  
-14.1399

78.6600, 11.9996,  
-68.9848

60.6620, 9.0406,  
-53.2006

43.9520, 5.9397,

-38.5459

■ 28.6440, 3.1335,  
-25.1208

■ 3.3570, 5.2470,  
-2.9441

■ 191.2620, 22.0558,  
-121.2558

■ 191.2620, 22.0558,  
-121.2558

■ 183.5590, 24.8674,  
-136.4252

■ 198.9650, 19.2443,  
-106.0863

■ 175.5570, 27.8264,  
-152.2095

■ 206.9670, 16.2853,  
-90.3021

■ 174.8450, 27.6844,  
-153.3391

■ 214.6700, 13.4737,  
-75.1326

■ 222.4870, 11.0989,  
-60.0631

■ 230.4890, 8.1399,  
-44.2789

■ 238.1920, 5.3283,  
-29.1094

■ 245.8950, 2.5168,  
-13.9399

■ 253.5980, -0.2948,  
1.2296

■ 253.8260, 0.5788,  
1.0296

# Harmonies

## Analogous

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



209.0310, -10.8613, -63.1712



191.2620, 22.0558, -121.2558



176.4070, 38.7463, -154.7089

# Triad

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



191.2620, 22.0558, -121.2558



226.4810, 14.0599, 17.1182



216.0620, -37.4986, 34.1486

# Complementary

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



191.2620, 22.0558, -121.2558



114.7380, -22.0558, 121.2558

# 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.



211.0190, -18.7434, 38.5713



191.2620, 22.0558, -121.2558



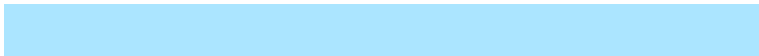
219.7800, 17.3635, 30.8879

# Square

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



191.2620, 22.0558, -121.2558



214.6220, 19.9064, -38.2565



212.1540, 3.3751, 37.5759



223.1070, -45.9018, 22.7082



# Rectangle

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



191.2620, 22.0558, -121.2558



176.1630, 38.8666, -146.6020



212.1540, 3.3751, 37.5759



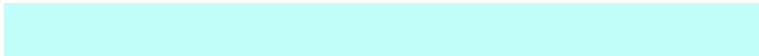
213.5660, -31.8310, 36.3376

# Sweetspot

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



191.2620, 22.0558, -121.2558



236.1910, 6.8078, -37.0015



176.3800, -60.8263, -90.6643



116.4810, 3.7069, -22.3468



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.



191.2620, 22.0558, -121.2558



180.2480, 26.4997, -146.6765



146.2400, 52.6327, -81.7715



123.8850, 1.0427, -7.7921



132.0670, 21.1660, -115.8228



44.1800, 6.8133, -38.7459



# Inverse Universe

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



114.7380, -22.0558, 121.2558



87.6380, -26.9365, 146.7765



159.7600, -52.6327, 81.7715



119.0010, -1.4795, 7.8921



58.9330, -21.1660, 115.8228

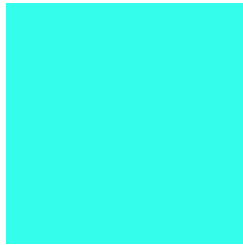


19.7060, -7.2501, 38.8458



# Previews

## White Background



This preview shows how the YUV color 191.2620, 22.0558, -121.2558 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

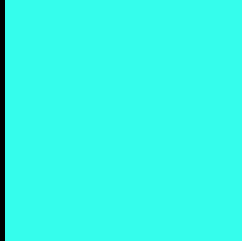
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.2620, 22.0558, -121.2558 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

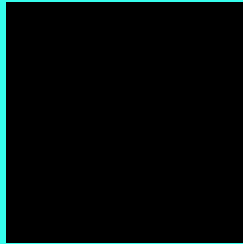
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

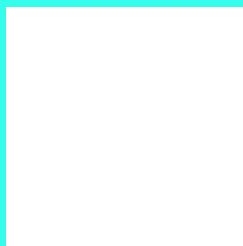
Any Text WCAG AAA ✓ Pass

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

# YUV 191.2620, 22.0558, -121.2558 Background



This preview shows how black text looks on a background with the YUV color 191.2620, 22.0558, -121.2558.



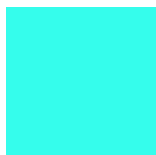
This preview shows how white text looks on a background with the YUV color 191.2620, 22.0558, -121.2558.

-121.2558.

# Color Blindness Simulation

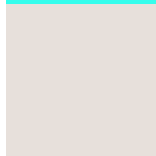
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



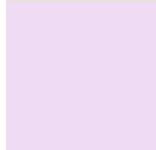
### Original Color

191.2620, 22.0558, -121.2558



### Protanopia

225.5230, -3.2158, 4.8033



### Deuteranopia

227.7160, 7.5350, 9.8961



## Tritanopia

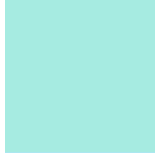
214.7890, 19.8240, -58.5740

# Trichromacy



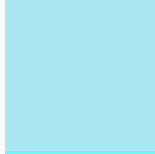
## Original Color

191.2620, 22.0558, -121.2558



## Protanomaly

213.2290, 5.8031, -41.4198



## Deuteranomaly

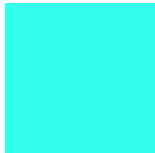
214.0860, 12.7756, -37.7864



## Tritanomaly

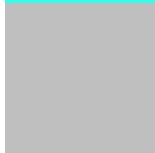
205.8740, 20.7681, -81.4505

# Monochromacy



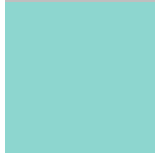
## Original Color

191.2620, 22.0558, -121.2558



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

191.3750, 7.7031, -44.1789

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.2620, 22.0558, -121.2558 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(53, 253, 236)` looks like.

```
.text, #text, p{  
    color:rgb(53, 253, 236)  
}
```

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(53, 253, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 253, 236) }
```

## Border

The CSS property to change the border of an element to YUV 191.2620, 22.0558, -121.2558 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(53, 253, 236) }
```



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

```
.border{ border-color:rgb(53, 253, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 253, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 253, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 253, 236);  
box-shadow:4px 4px 4px 4px rgb(53, 253,  
236) }
```

# Background

The CSS property to change the background color of an element to YUV 191.2620, 22.0558, -121.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 253, 236) }
```

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

```
.background{ background-color: rgb(53, 253,  
236) }
```

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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