

Converting Colors

YUV(190.6980, 17.4039,
-122.5151)

Have a look what the booklet for
YUV(190.6980, 17.4039, -122.5151)
contains.

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Color

**YUV(190.6980, 17.4039,
-122.5151)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFE2
RGB	51, 255, 226
RGB Percent	20%, 100%, 89%
CMY	0.8000, 0.0000, 0.1137
CMYK	0.80, 0.00, 0.11, 0.00
HSL	171°, 100%, 60%
HSV	171°, 80%, 100%
XYZ	50.8527, 77.7148, 84.2717
YIQ	190.6980, -112.2750, -52.2670

Conversions

Conversions Part 2

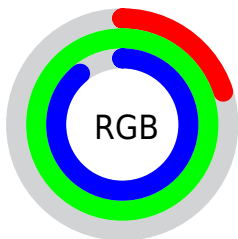
Format	Color
R_{YB}	51, 161, 255
Decimal	3407842
CIE _{Lab}	90.65, -53.79, 0.25
CIE _{LCh}	91, 53.788, 179.732
Y _{xy}	77.7148, 0.2389, 0.3651
Android (android.graphics.Color)	4281597922 (0xFF33FFE2)
YUV	190.6980, 17.4039, -122.5151
Hunter-Lab	88.1560, -51.3054, 5.0316

Details

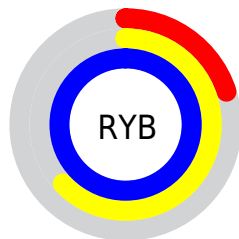
The YUV color **190.6980, 17.4039, -122.5151** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **115.3020, -17.4039, 122.5151**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2230, 18.1311, -75.6176**, and **135.1330, 17.6824, -118.5116** is the 20% darker color. If you saturate the color by 10%, you get **182.4680, 19.4893, -138.0994**, and if you desaturate by 10%, it is **198.9280, 15.3185, -106.9309**.

Distribution



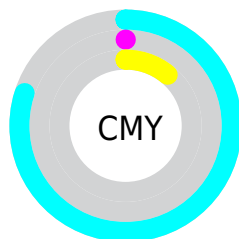
- Red (20%)
- Green (100%)
- Blue (89%)



- Red (20%)
- Yellow (63%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.6980, 17.4039, -122.5151 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 190.6980, 17.4039, -122.5151 by changing the saturation by 10% instead.

190.6980, 17.4039,
-122.5151

190.6980, 17.4039,
-122.5151

255.0000, 0.0000,
0.0000

155.2340, 21.0836,
-136.1402

218.2230, 18.1311,
-75.6176

135.1330, 17.6824,
-118.5116

228.3890, 13.1192,
-54.7152

115.6190, 13.9918,
-101.3979

237.9570, 8.4022,
-35.0423

96.9200, 10.8854,
-84.9988

247.5250, 3.6852,
-15.3694

78.2210, 7.7790,
-68.5998

60.9240, 4.9675,
-53.4303

43.6270, 2.1559,

-38.2609

■ 27.7320, -0.3609,
-24.3210

■ 3.1630, -0.5734,
-2.7740

■ 190.6980, 17.4039,
-122.5151

■ 190.6980, 17.4039,
-122.5151

■ 182.4680, 19.4893,
-138.0994

■ 198.9280, 15.3185,
-106.9309

■ 174.6510, 21.8641,
-153.1689

■ 206.7450, 12.9437,
-91.8614

■ 214.9750, 10.8583,
-76.2771

■ 222.7920, 8.4835,
-61.2076

■ 231.0220, 6.3982,
-45.6233

■ 238.9530, 4.4602,
-30.6538

■ 247.0690, 1.9380,
-14.9695

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



209.9410, -17.7189, -56.9533



190.6980, 17.4039, -122.5151



178.1680, 37.8782, -156.2533

Triad

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



190.6980, 17.4039, -122.5151



224.6430, 14.9660, 6.4521



213.7140, -36.3410, 36.2078

Complementary

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



190.6980, 17.4039, -122.5151



115.3020, -17.4039, 122.5151

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.



208.8820, -14.2388, 40.4455



190.6980, 17.4039, -122.5151



220.9540, 16.7847, 29.8583

Square

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



190.6980, 17.4039, -122.5151



209.7830, 22.2920, -56.8147



212.3480, 9.1954, 37.4058



222.3420, -48.9756, 28.6411

Rectangle

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



190.6980, 17.4039, -122.5151



175.8200, 39.0357, -154.1941



212.3480, 9.1954, 37.4058



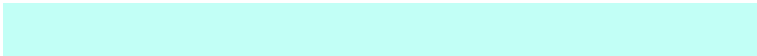
211.5600, -29.3631, 38.0969

Sweetspot

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



190.6980, 17.4039, -122.5151



235.7350, 5.0606, -36.6016



180.0170, -63.6054, -85.9609



116.2530, 2.8333, -22.1469



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.



190.6980, 17.4039, -122.5151



177.7550, 20.8268, -147.1211



152.3270, 50.6178, -88.8638



123.8850, 1.0427, -7.7921



130.8130, 16.3612, -114.7230



43.8380, 5.5029, -38.4459

Inverse Universe

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



115.3020, -17.4039, 122.5151



87.2450, -20.8268, 147.1211



153.6730, -50.6178, 88.8638



119.1150, -1.0427, 7.7921



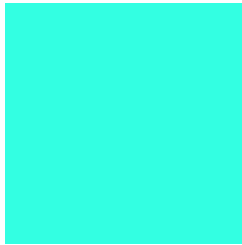
60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 190.6980, 17.4039, -122.5151 looks on a white background.

Color Contrast Check

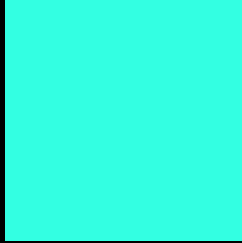
Large Text (above 18pt) WCAG AA × Fail

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 190.6980, 17.4039, -122.5151 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

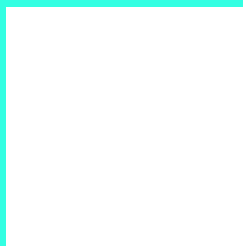
Any Text WCAG AAA ✓ Pass

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

YUV 190.6980, 17.4039, -122.5151 Background



This preview shows how black text looks on a background with the YUV color 190.6980, 17.4039, -122.5151.



This preview shows how white text looks on a background with the YUV color 190.6980, 17.4039, -122.5151.

-122.5151.

Color Blindness Simulation

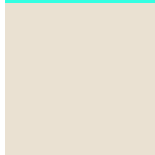
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



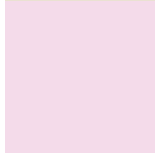
Original Color

190.6980, 17.4039, -122.5151



Protanopia

225.9810, -7.8786, 7.0327



Deuteranopia

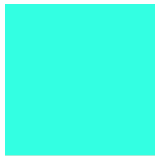
228.1850, 2.8668, 13.8698



Tritanopia

215.9850, 19.2344, -56.1148

Trichromacy



Original Color

190.6980, 17.4039, -122.5151



Protanomaly

213.0890, 1.4351, -40.4201



Deuteranomaly

214.5440, 8.1128, -35.5571



Tritanomaly

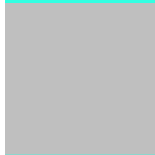
206.6030, 18.4367, -80.3358

Monochromacy



Original Color

190.6980, 17.4039, -122.5151



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.7340, 6.5401, -44.4937

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6980, 17.4039, -122.5151 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(51, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 226)  
}
```

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(51, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 226) }
```

Border

The CSS property to change the border of an element to YUV 190.6980, 17.4039, -122.5151 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(51, 255, 226) }
```


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

```
.border{ border-color:rgb(51, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 190.6980, 17.4039, -122.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 226) }
```

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

```
.background{ background-color: rgb(51, 255,  
226) }
```

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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