

Converting Colors

YUV(190.4920, -17.0046,
-99.5325)

Have a look what the booklet for
YUV(190.4920, -17.0046, -99.5325)
contains.

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Color

**YUV(190.4920, -17.0046,
-99.5325)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFF9C
RGB	77, 255, 156
RGB Percent	30%, 100%, 61%
CMY	0.6980, 0.0000, 0.3882
CMYK	0.70, 0.00, 0.39, 0.00
HSL	147°, 100%, 65%
HSV	147°, 70%, 100%
XYZ	44.8213, 75.4981, 43.6628
YIQ	190.4920, -74.3090, -68.5250

Conversions

Conversions Part 2

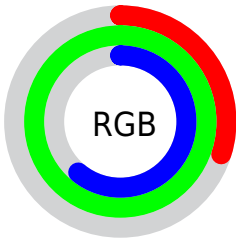
Format	Color
RYB	77, 200, 255
Decimal	5111708
CIELab	89.63, -66.10, 34.63
CIELCh	90, 74.623, 152.351
Yxy	75.4981, 0.2733, 0.4604
Android (android.graphics.Color)	4283301788 (0xFF4DFF9C)
YUV	190.4920, -17.0046, -99.5325
Hunter-Lab	86.8896, -59.9791, 31.0290

Details

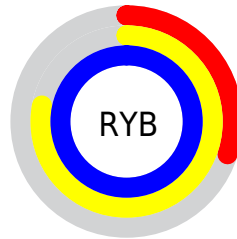
The YUV color **190.4920, -17.0046, -99.5325** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **141.5080, 17.0046, 99.5325**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3930, -3.1517, -62.6117**, and **127.4950, -11.5830, -111.8131** is the 20% darker color. If you saturate the color by 10%, you get **181.4210, -19.4346, -113.5022**, and if you desaturate by 10%, it is **199.8620, -14.7220, -84.9480**.

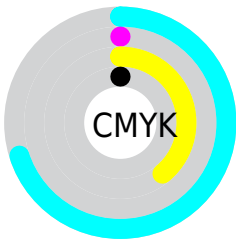
Distribution



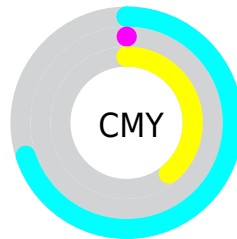
- Red (30%)
- Green (100%)
- Blue (61%)



- Red (30%)
- Yellow (78%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4920, -17.0046, -99.5325 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 190.4920, -17.0046, -99.5325 by changing the saturation by 10% instead.

190.4920,
-17.0046, -99.5325

190.4920,
-17.0046, -99.5325

255.0000, 0.0000,
0.0000

155.1420,
-12.8880, -113.2575

217.3930, -3.1517,
-62.6117

127.4950,
-11.5830, -111.8131

229.9680, 4.9458,
-46.4529

108.2090,
-14.4000, -94.8993

241.2460, 6.7807,
-28.2797

88.9230, -17.2170,
-77.9855

250.5150, 2.2111,
-9.2217

70.3380, -19.8866,
-61.6864

51.9980, -24.1560,
-45.6022

36.9810, -18.2316,

-32.4323

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 190.4920,
-17.0046, -99.5325

■ 190.4920,
-17.0046, -99.5325

■ 181.4210,
-19.4346, -113.5022

■ 199.8620,
-14.7220, -84.9480

■ 172.0510,
-21.7171, -128.0867

■ 208.9330,
-12.2920, -70.9782

■ 162.8660,
-24.5839, -141.9565

■ 218.4170, -9.5726,
-56.4937

■ 162.5670,
-24.4365, -142.5713

■ 227.4880, -7.1426,
-42.5240

■ 236.8580, -4.8600,
-27.9395

■ 245.9290, -2.4300,
-13.9697

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.



209.3130, -55.3703, -20.4455



190.4920, -17.0046, -99.5325



175.7910, 26.2320, -154.1687

Triad

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



190.4920, -17.0046, -99.5325



186.1950, 33.9209, -100.1490



194.0640, -20.2446, 53.4409

Complementary

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



190.4920, -17.0046, -99.5325



141.5080, 17.0046, 99.5325

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.



195.5870, 13.5146, 52.1052



190.4920, -17.0046, -99.5325



219.0830, 17.7071, 13.9592

Square

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



190.4920, -17.0046, -99.5325



175.8200, 39.0357, -154.1941



208.0400, 23.1513, 41.1839



202.9420, -52.2294, 45.6549

Rectangle

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



190.4920, -17.0046, -99.5325



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



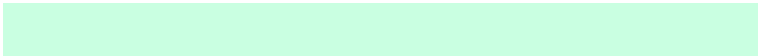
193.0500, -8.8986, 54.3302

Sweetspot

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



190.4920, -17.0046, -99.5325



235.4340, -5.1440, -30.1986



211.6850, -66.3997, -29.5417



116.3800, -3.1453, -17.8733



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.



190.4920, -17.0046, -99.5325



177.4480, -20.4339, -119.6649



200.4100, 20.9969, -108.2306



123.2010, -1.5781, -7.1923



121.8070, -18.1459, -106.8247



40.7600, -6.2907, -35.7465

Inverse Universe

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



141.5080, 17.0046, 99.5325



118.5520, 20.4339, 119.6649



131.5900, -20.9969, 108.2306



119.6850, 1.1413, 7.2923



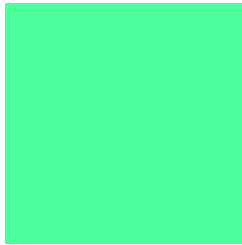
69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 190.4920, -17.0046, -99.5325 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 190.4920, -17.0046, -99.5325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

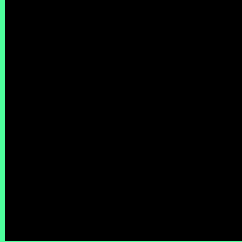
Any Text WCAG AA ✓ Pass

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 190.4920, -17.0046, -99.5325 Background



This preview shows how black text looks on a background with the YUV color 190.4920, -17.0046, -99.5325.

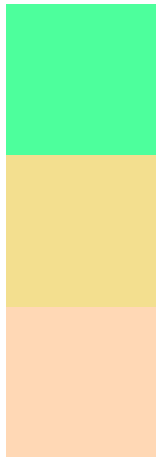


This preview shows how white text looks on a background with the YUV color 190.4920, -17.0046, -99.5325.

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

190.4920, -17.0046, -99.5325

Protanopia

219.8600, -37.8920, 20.2938

Deuteranopia

223.6710, -21.0368, 27.4755



Tritanopia

212.7180, 20.8450, -59.3887

Trichromacy



Original Color

190.4920, -17.0046, -99.5325



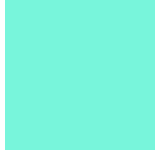
Protanomaly

209.5340, -30.3363, -23.2703



Deuteranomaly

211.4280, -19.4380, -18.7924



Tritanomaly

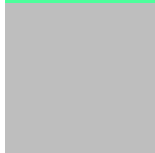
204.6610, 7.0691, -74.2477

Monochromacy



Original Color

190.4920, -17.0046, -99.5325



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.4610, -6.1433, -36.3613

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4920, -17.0046, -99.5325 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(77, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 156)  
}
```

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(77, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 156) }
```

Border

The CSS property to change the border of an element to YUV 190.4920, -17.0046, -99.5325 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(77, 255, 156) }
```


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

```
.border{ border-color:rgb(77, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 190.4920, -17.0046, -99.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 156) }
```

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

```
.background{ background-color: rgb(77, 255,  
156) }
```

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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