

Converting Colors

YUV(173.0910, -18.7789,
-90.4108)

Have a look what the booklet for
YUV(173.0910, -18.7789, -90.4108)
contains.

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Color

**YUV(173.0910, -18.7789,
-90.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	46E987
RGB	70, 233, 135
RGB Percent	27%, 91%, 53%
CMY	0.7255, 0.0863, 0.4706
CMYK	0.70, 0.00, 0.42, 0.09
HSL	144°, 79%, 59%
HSV	144°, 70%, 91%
XYZ	36.0379, 61.3292, 32.8600
YIQ	173.0910, -65.6900, -65.0340

Conversions

Conversions Part 2

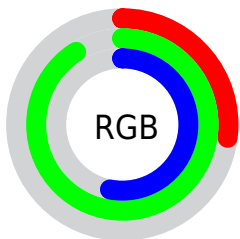
Format	Color
RYB	70, 187, 233
Decimal	4647303
CIELab	82.56, -62.92, 35.77
CIElCh	83, 72.375, 150.380
Yxy	61.3292, 0.2767, 0.4709
Android (android.graphics.Color)	4282837383 (0xFF46E987)
YUV	173.0910, -18.7789, -90.4108
Hunter-Lab	78.3130, -54.9060, 29.9411

Details

The YUV color **173.0910, -18.7789, -90.4108** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **129.9090, 18.7789, 90.4108**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1940, -11.4346, -65.9451**, and **112.8880, -14.2418, -99.0028** is the 20% darker color. If you saturate the color by 10%, you get **164.6180, -21.5037, -103.1510**, and if you desaturate by 10%, it is **181.5640, -16.0541, -77.6706**.

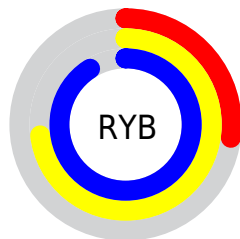
Distribution



Red (27%)

Green (91%)

Blue (53%)



Red (27%)

Yellow (73%)

Blue (91%)

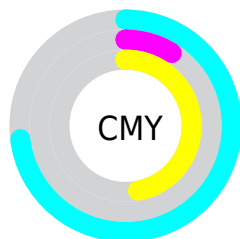


Cyan (70%)

Magenta (0%)

Yellow (42%)

Black (9%)



Cyan (73%)

Magenta (9%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0910, -18.7789, -90.4108 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 173.0910, -18.7789, -90.4108 by changing the saturation by 10% instead.

173.0910,
-18.7789, -90.4108

173.0910,
-18.7789, -90.4108

255.0000, 0.0000,
0.0000

137.5560,
-14.0781, -104.8506

212.1940,
-11.4346, -65.9451

112.8880,
-14.2418, -99.0028

224.6550, -3.7739,
-49.6864

93.6020, -17.0588,
-82.0890

237.2300, 4.3236,
-33.5277

75.0170, -19.7284,
-65.7899

247.5250, 3.6852,
-15.3694

56.5630, -24.4346,
-49.6058

41.0900, -20.2574,
-36.0359

27.5890, -13.6014,

-24.1956

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 173.0910,
-18.7789, -90.4108

■ 173.0910,
-18.7789, -90.4108

■ 164.6180,
-21.5037, -103.1510

■ 181.5640,
-16.0541, -77.6706

■ 155.8460,
-24.0811, -116.5059

■ 190.3360,
-13.4766, -64.3157


■ 147.3730,
-26.8059, -129.2461


■ 198.8090,
-10.7518, -51.5755

■ 207.2820, -8.0270,
-38.8353

 216.0540, -5.4496,
-25.4804

 224.5270, -2.7248,
-12.7402

 233.0000, 0.0000,
0.0000

 241.1740, 2.8722,
12.1254

 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



190.1610, -54.8024, -15.9272



173.0910, -18.7789, -90.4108



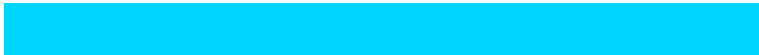
162.9620, 20.2317, -142.9177

Triad

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



173.0910, -18.7789, -90.4108



154.1010, 49.7432, -135.1466



180.9560, -19.6983, 64.9366

Complementary

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



173.0910, -18.7789, -90.4108



129.9090, 18.7789, 90.4108

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.



183.1970, 11.7349, 62.9712



173.0910, -18.7789, -90.4108



200.7320, 26.7541, 5.4970

Square

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



173.0910, -18.7789, -90.4108



164.0800, 44.8236, -143.8982



198.6480, 27.7815, 49.4207



189.9480, -51.2464, 57.0506

Rectangle

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



173.0910, -18.7789, -90.4108



168.3200, 40.7612, -147.6166



198.6480, 27.7815, 49.4207



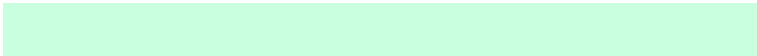
180.4150, -9.0786, 65.4110

Sweetspot

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



173.0910, -18.7789, -90.4108



235.2060, -6.0176, -29.9987



195.8800, -62.0588, -21.8198



116.1520, -4.0189, -17.6733



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.



173.0910, -18.7789, -90.4108



176.3080, -24.8018, -118.6651



182.0970, 15.7282, -98.3091



112.9130, -1.4361, -6.0627



114.4550, -20.9303, -100.3770



34.0920, -6.4544, -29.8987

Inverse Universe

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



129.9090, 18.7789, 90.4108



119.6920, 24.8018, 118.6651



120.9030, -15.7282, 98.3091



110.0870, 1.4361, 6.0627



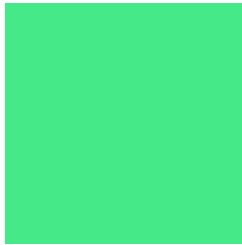
66.5450, 20.9303, 100.3770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 173.0910, -18.7789, -90.4108 looks on a white background.

Color Contrast Check

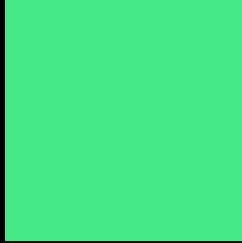
Large Text (above 18pt) WCAG AA × Fail

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 173.0910, -18.7789, -90.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

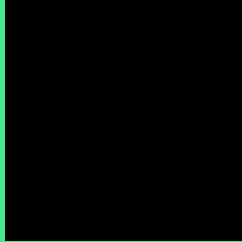
Any Text WCAG AA ✓ Pass

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 173.0910, -18.7789, -90.4108 Background



This preview shows how black text looks on a background with the YUV color 173.0910, -18.7789, -90.4108.



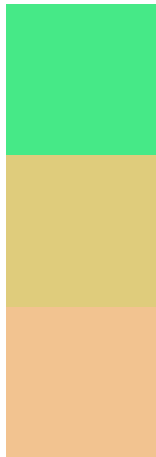
This preview shows how white text looks on a background with the YUV color 173.0910, -18.7789, -90.4108.

-90.4108.

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

173.0910, -18.7789, -90.4108

Protanopia

200.5610, -37.7446, 19.6790

Deuteranopia

203.2390, -29.2048, 33.9934



Tritanopia

188.9660, 24.6668, -71.8842

Trichromacy



Original Color

173.0910, -18.7789, -90.4108



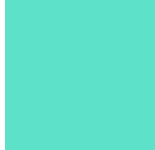
Protanomaly

190.7300, -30.9259, -20.8112



Deuteranomaly

192.2780, -25.2801, -11.6448



Tritanomaly

183.0950, 8.8272, -78.1363

Monochromacy



Original Color

173.0910, -18.7789, -90.4108



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2550, -7.0277, -32.6726

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0910, -18.7789, -90.4108 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(70, 233, 135)` looks like.

```
.text, #text, p{  
    color:rgb(70, 233, 135)  
}
```

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(70, 233, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 233, 135) }
```

Border

The CSS property to change the border of an element to YUV 173.0910, -18.7789, -90.4108 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(70, 233, 135) }
```


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

```
.border{ border-color:rgb(70, 233, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 233, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 233, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 233, 135);  
box-shadow:4px 4px 4px 4px rgb(70, 233,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 173.0910, -18.7789, -90.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 233, 135) }
```

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

```
.background{ background-color: rgb(70, 233,  
135) }
```

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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