

Converting Colors

YUV(133.1920, -1.5737,
-55.4194)

Have a look what the booklet for
YUV(133.1920, -1.5737, -55.4194)
contains.

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Color

**YUV(133.1920, -1.5737,
-55.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	46A682
RGB	70, 166, 130
RGB Percent	27%, 65%, 51%
CMY	0.7255, 0.3490, 0.4902
CMYK	0.58, 0.00, 0.22, 0.35
HSL	158°, 41%, 46%
HSV	158°, 58%, 65%
XYZ	20.1913, 30.1862, 25.8814
YIQ	133.1920, -45.6600, -31.5480

Conversions

Conversions Part 2

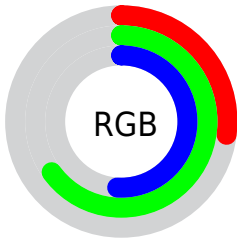
Format	Color
RYB	70, 129, 166
Decimal	4630146
CIELab	61.81, -37.07, 10.27
CIELCh	62, 38.464, 164.511
Yxy	30.1862, 0.2648, 0.3958
Android (android.graphics.Color)	4282820226 (0xFF46A682)
YUV	133.1920, -1.5737, -55.4194
Hunter-Lab	54.9420, -30.5495, 10.5298

Details

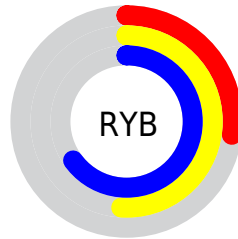
The YUV color **133.1920, -1.5737, -55.4194** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **102.8080, 1.5737, 55.4194**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8500, -2.8840, -55.1194**, and **75.5650, 2.6795, -66.2705** is the 20% darker color. If you saturate the color by 10%, you get **127.4250, -1.6885, -65.2707**, and if you desaturate by 10%, it is **138.9590, -1.4588, -45.5680**.

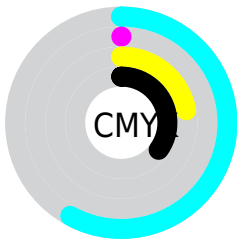
Distribution



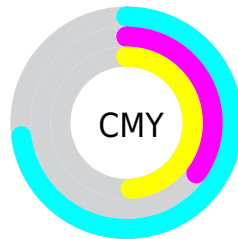
- Red (27%)
- Green (65%)
- Blue (51%)



- Red (27%)
- Yellow (51%)
- Blue (65%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1920, -1.5737, -55.4194 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 133.1920, -1.5737, -55.4194 by changing the saturation by 10% instead.

■ 133.1920, -1.5737,
-55.4194

■ 133.1920, -1.5737,
-55.4194

255.0000, 0.0000,
0.0000

■ 105.2240, -0.1104,
-58.0784

■ 188.8500, -2.8840,
-55.1194

■ 75.5650, 2.6795,
-66.2705

■ 217.4370, -3.1734,
-55.6342

■ 58.2680, -0.1321,
-51.1010

■ 231.6480, 3.6245,
-42.6643

■ 41.6720, -2.7963,
-36.5463

■ 242.1430, 6.3385,
-26.4354

■ 26.3640, -5.6025,
-23.1212

■ 250.8140, 2.0637,
-8.6069

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,

0.0000

■ 133.1920, -1.5737,
-55.4194

■ 133.1920, -1.5737,
-55.4194

■ 127.4250, -1.6885,
-65.2707

■ 138.9590, -1.4588,
-45.5680

■ 121.9570, -1.9508,
-74.5073

■ 144.4270, -1.1965,
-36.3315

■ 116.0760, -2.5025,
-84.2587

■ 150.3080, -0.6448,
-26.5801

■ 110.6080, -2.7647,
-93.4952

■ 155.7760, -0.3826,
-17.3436

■ 109.2980, -2.6119,
-95.8543

■ 161.5430, -0.2677,
-7.4922

■ 167.3100, -0.1528,
2.3591

■ 172.8920, 0.5462,
11.4957

■ 178.6590, 0.6611,
21.3471

■ 184.1270, 0.9234,
30.5836

Harmonies

Analogous

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



140.7760, -20.5956, -20.8516



133.1920, -1.5737, -55.4194



116.8390, 23.7434, -102.4678

Triad

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



133.1920, -1.5737, -55.4194



148.1740, 32.9452, -20.3236



149.6570, -23.0019, 51.1668

Complementary

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



133.1920, -1.5737, -55.4194



102.8080, 1.5737, 55.4194

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.



151.1750, -8.4673, 55.9745



133.1920, -1.5737, -55.4194



153.2560, 22.0588, 18.1925

Square

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



133.1920, -1.5737, -55.4194



134.4840, 39.2014, -67.0765



152.9360, 7.4266, 44.7831



147.9570, -31.5308, 33.3637

Rectangle

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



133.1920, -1.5737, -55.4194



118.7600, 33.6423, -104.1525



152.9360, 7.4266, 44.7831



150.1180, -18.7922, 54.2705

Sweetspot

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



133.1920, -1.5737, -55.4194



204.3410, -0.6611, -21.3471



137.4150, -33.2356, -26.6740



102.3960, -0.6882, -12.6253



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.1920, -1.5737, -55.4194



165.7660, -2.3496, -86.6178



130.8390, 17.3344, -53.3558



81.2660, -0.1311, -4.6183



97.3640, -2.6445, -85.3882



13.2220, -0.1094, -11.5957

Inverse Universe

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



102.8080, 1.5737, 55.4194



118.2340, 2.3496, 86.6178



105.1610, -17.3344, 53.3558



78.7340, 0.1311, 4.6183



50.5220, 2.2077, 85.4882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 133.1920, -1.5737, -55.4194 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 133.1920, -1.5737, -55.4194 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 133.1920, -1.5737, -55.4194 Background



This preview shows how black text looks on a background with the YUV color 133.1920, -1.5737, -55.4194.



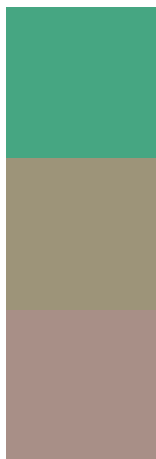
This preview shows how white text looks on a background with the YUV color 133.1920, -1.5737,

-55.4194.

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

133.1920, -1.5737, -55.4194

Protanopia

147.6130, -13.1202, 8.2324

Deuteranopia

149.5630, -7.1796, 16.1692



Tritanopia

138.7580, 16.8813, -48.0228

Trichromacy



Original Color

133.1920, -1.5737, -55.4194

Protanomaly

142.4960, -9.1185, -15.3440

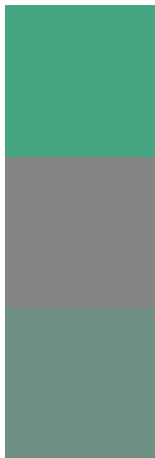
Deuteranomaly

143.2670, -5.0616, -9.8812

Tritanomaly

136.6130, 10.0508, -50.5266

Monochromacy



Original Color

133.1920, -1.5737, -55.4194

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0530, -0.5191, -20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1920, -1.5737, -55.4194 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, 166, 130)` looks like.

```
.text, #text, p{  
    color:rgb(70, 166, 130)  
}
```

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, 166, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 166, 130) }
```

Border

The CSS property to change the border of an element to YUV 133.1920, -1.5737, -55.4194 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, 166, 130) }
```


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

```
.border{ border-color:rgb(70, 166, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 166, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 166, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 166, 130);  
box-shadow:4px 4px 4px 4px rgb(70, 166,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 133.1920, -1.5737, -55.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 166, 130) }
```

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

```
.background{ background-color: rgb(70, 166,  
130) }
```

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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