

Converting Colors

YUV(137.9190, -20.6661,
1.8250)

Have a look what the booklet for
YUV(137.9190, -20.6661, 1.8250)
contains.

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Color

**YUV(137.9190, -20.6661,
1.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9160
RGB	140, 145, 96
RGB Percent	55%, 57%, 38%
CMY	0.4510, 0.4314, 0.6235
CMYK	0.03, 0.00, 0.34, 0.43
HSL	66°, 20%, 47%
HSV	66°, 34%, 57%
XYZ	23.0519, 26.6708, 14.9993
YIQ	137.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

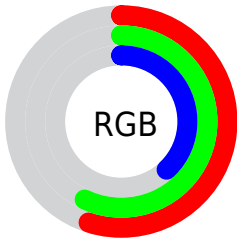
Format	Color
R_{YB}	96, 145, 101
Decimal	9212256
CIE Lab	58.67, -10.03, 25.45
CIE LCh	59, 27.353, 111.521
Yxy	26.6708, 0.3562, 0.4121
Android (android.graphics.Color)	4287402336 (0xFF8C9160)
YUV	137.9190, -20.6661, 1.8250
Hunter-Lab	51.6438, -10.7005, 18.9305

Details

The YUV color $137.9190, -20.6661, 1.8250$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $103.0810, 20.6661, -1.8250$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.5770, -21.9765, 2.1250$, and $87.9620, -19.2083, 0.9103$ is the 20% darker color. If you saturate the color by 10%, you get $135.9100, -27.0706, 2.7099$, and if you desaturate by 10%, it is $139.8140, -14.6983, 1.0401$.

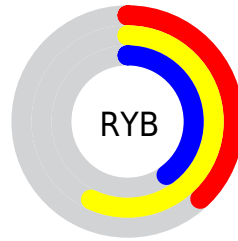
Distribution



Red (55%)

Green (57%)

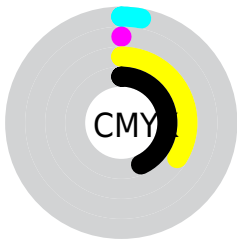
Blue (38%)



Red (38%)

Yellow (57%)

Blue (40%)

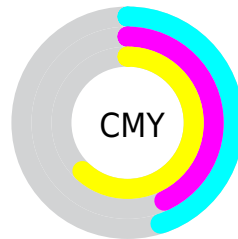


Cyan (3%)

Magenta (0%)

Yellow (34%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9190, -20.6661, 1.8250 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 137.9190, -20.6661, 1.8250 by changing the saturation by 10% instead.

■ 137.9190,
-20.6661, 1.8250

■ 137.9190,
-20.6661, 1.8250

■ 255.0000, 0.0000,
0.0000

■ 112.1470,
-19.7925, 1.6251

■ 191.5770,
-21.9765, 2.1250

■ 87.9620, -19.2083,
0.9103

■ 219.4630,
-22.4133, 2.2249

■ 64.1900, -18.3347,
0.7104

■ 247.6480,
-22.9975, 2.9397

■ 41.5490, -19.4977,
0.3955

■ 252.1500,
-10.9200, 2.4994

■ 22.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,
0.0000

■ 137.9190,
-20.6661, 1.8250

■ 137.9190,
-20.6661, 1.8250

■ 135.9100,
-27.0706, 2.7099

■ 139.8140,
-14.6983, 1.0401

■ 133.7160,
-32.8910, 2.8801

■ 142.1220, -8.4411,
0.7700

■ 131.7070,
-39.2956, 3.7650

■ 144.0170, -2.4734,
-0.0149

■ 129.5130,
-45.1159, 3.9351

■ 146.3250, 3.7838,
-0.2850

■ 127.5040,
-51.5205, 4.8200

■ 148.3340, 10.1883,
-1.1699

■ 125.3100,
-57.3408, 4.9901

■ 150.5280, 16.0087,
-1.3401

■ 123.9850,
-61.1246, 5.2752

■ 152.4230, 21.9765,
-2.1250

■ 154.7310, 28.2336,

-2.3951

■ 156.7400, 34.6382,
-3.2800

Harmonies

Analogous

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



140.1710, -22.7623, 20.8980



137.9190, -20.6661, 1.8250



135.0780, -11.8705, -19.3624

Triad

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



137.9190, -20.6661, 1.8250



129.2610, 24.0283, -53.7259



144.7900, 2.0755, 34.3872

Complementary

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



137.9190, -20.6661, 1.8250



103.0810, 20.6661, -1.8250

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.



144.5520, 13.0389, 17.9329



137.9190, -20.6661, 1.8250



136.1480, 25.5630, -32.5788

Square

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



137.9190, -20.6661, 1.8250



127.2470, 15.1612, -56.3446



141.9880, 21.6979, -6.1285



143.5490, -9.1447, 39.8605

Rectangle

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



137.9190, -20.6661, 1.8250



132.1670, -3.5333, -33.4725



141.9880, 21.6979, -6.1285



144.7940, 6.0176, 29.9987

Sweetspot

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



137.9190, -20.6661, 1.8250



186.2360, -8.0043, 0.6700



113.5860, -8.6699, 27.5501



92.4470, -4.6574, 0.4850



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



137.9190, -20.6661, 1.8250



177.7160, -32.8910, 2.8801



130.7430, -17.1283, -12.9296



70.2020, -3.0576, 0.6998



115.4240, -56.9040, 4.8902



6.7890, -3.3470, 0.1850

Inverse Universe

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



103.0810, 20.6661, -1.8250



122.2840, 32.8910, -2.8801



110.2570, 17.1283, 12.9296



65.0970, 2.9102, -0.0851



19.5760, 56.9040, -4.8902



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 137.9190, -20.6661, 1.8250 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9190, -20.6661, 1.8250 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 × Fail

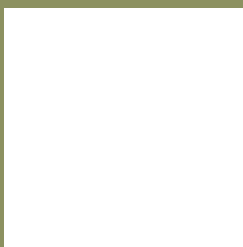
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.9190, -20.6661, 1.8250

Background



This preview shows how black text looks on a background with the YUV color 137.9190, -20.6661, 1.8250.



This preview shows how white text looks on a background with the YUV color 137.9190, -20.6661, 1.8250.

1.8250.

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

137.9190, -20.6661, 1.8250

Protanopia

139.2300, -22.2984, 12.0763

Deuteranopia

140.6490, -21.0260, 23.9868



Tritanopia

141.9450, 3.4781, 4.4332

Trichromacy



Original Color

137.9190, -20.6661, 1.8250

Protanomaly

138.4360, -21.4139, 8.3876

Deuteranomaly

139.8930, -21.1462, 15.8798

Tritanomaly

140.6430, -5.2470, 2.9441

Monochromacy



Original Color

137.9190, -20.6661, 1.8250

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3500, -7.5675, 0.5701

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9190, -20.6661, 1.8250 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(140, 145, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 145, 96)  
}
```

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(140, 145, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 96) }
```

Border

The CSS property to change the border of an element to YUV 137.9190, -20.6661, 1.8250 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(140, 145, 96) }
```


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

```
.border{ border-color:rgb(140, 145, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 145, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 137.9190, -20.6661, 1.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 96) }
```

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

```
.background{ background-color: rgb(140,  
145, 96) }
```

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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