

Converting Colors

YUV(137.1950, 21.1029,
-1.9250)

Have a look what the booklet for
YUV(137.1950, 21.1029, -1.9250)
contains.

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Color

**YUV(137.1950, 21.1029,
-1.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	8782B4
RGB	135, 130, 180
RGB Percent	53%, 51%, 71%
CMY	0.4706, 0.4902, 0.2941
CMYK	0.25, 0.28, 0.00, 0.29
HSL	246°, 25%, 61%
HSV	246°, 28%, 71%
XYZ	26.2125, 24.4114, 46.5103
YIQ	137.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

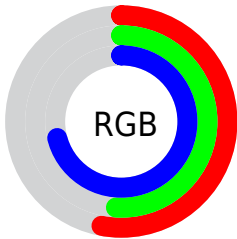
Format	Color
R_{YB}	135, 130, 180
Decimal	8880820
CIE _{Lab}	56.50, 12.97, -25.63
CIE _{LCh}	56, 28.722, 296.840
Yxy	24.4114, 0.2699, 0.2513
Android (android.graphics.Color)	4287070900 (0xFF8782B4)
YUV	137.1950, 21.1029, -1.9250
Hunter-Lab	49.4079, 8.2362, -21.2273

Details

The YUV color $137.1950, 21.1029, -1.9250$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.8050, -21.1029, 1.9250$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.8360, 22.2659, -1.6102$, and $87.1410, 19.6505, -2.7547$ is the 20% darker color. If you saturate the color by 10%, you get $121.8450, 28.6704, -2.4951$, and if you desaturate by 10%, it is $152.5450, 13.5353, -1.3550$.

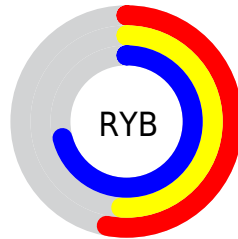
Distribution



Red (53%)

Green (51%)

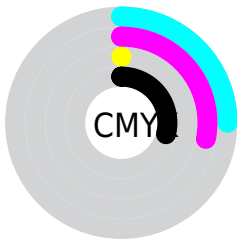
Blue (71%)



Red (53%)

Yellow (51%)

Blue (71%)

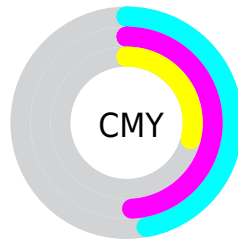


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1950, 21.1029, -1.9250 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 137.1950, 21.1029, -1.9250 by changing the saturation by 10% instead.

■ 137.1950, 21.1029,
-1.9250

■ 137.1950, 21.1029,
-1.9250

■ 255.0000, 0.0000,
0.0000

■ 111.6680, 20.3767,
-2.3398

■ 190.8360, 22.2659,
-1.6102

■ 87.1410, 19.6505,
-2.7547

■ 217.8100, 18.3347,
-0.7104

■ 63.6140, 18.9243,
-3.1695

■ 242.9170, 5.9569,
2.7038

■ 40.7880, 18.3455,
-4.1991

■ 19.2500, 17.6247,
-6.3582

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

0.0000, 0.0000,
0.0000

137.1950, 21.1029,
-1.9250

137.1950, 21.1029,
-1.9250

121.8450, 28.6704,
-2.4951

152.5450, 13.5353,
-1.3550

106.4950, 36.2380,
-3.0651

167.8950, 5.9678,
-0.7849

90.8460, 43.9529,
-4.2499

183.5440, -1.7472,
0.3999

75.4960, 51.5205,
-4.8200

198.8940, -9.3147,
0.9700

60.1460, 59.0880,
-5.3900

214.2440,
-16.8823, 1.5400

■ 44.7960, 66.6556,
-5.9601

■ 229.5940,
-24.4498, 2.1101

■ 29.4460, 74.2231,
-6.5301

■ 244.3570,
-31.7280, 3.1949

■ 25.9020, 75.9703,
-6.9301

■ 246.4500,
-32.7599, 7.4983

Harmonies

Analogous

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



131.6860, 26.2838, -30.4196



137.1950, 21.1029, -1.9250



138.9440, 11.8596, 22.8511

Triad

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



137.1950, 21.1029, -1.9250



135.8290, -20.6217, 34.3530



123.4410, 4.2196, -46.8678

Complementary

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



137.1950, 21.1029, -1.9250



172.8050, -21.1029, 1.9250

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.



127.8000, -10.2544, -24.3806



137.1950, 21.1029, -1.9250



134.1060, -24.2093, 18.3240

Square

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



137.1950, 21.1029, -1.9250



137.2780, -11.4761, 40.9752



131.5980, -20.5078, -2.2784



119.4140, 18.5299, -63.5071

Rectangle

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



137.1950, 21.1029, -1.9250



139.3600, 4.2595, 33.8873



131.5980, -20.5078, -2.2784



124.8180, -0.8963, -39.3054

Sweetspot

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



137.1950, 21.1029, -1.9250



218.7640, 8.0043, -0.6700



162.1150, 8.8173, -28.1649



107.5530, 4.6574, -0.4850



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.1950, 21.1029, -1.9250



168.2840, 32.8910, -2.8801



144.6700, 17.4177, 13.4444



81.3250, 3.7838, -0.2850



21.9270, 64.6190, -6.0750



3.8610, 10.9145, -0.7551

Inverse Universe

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



150.0800, 12.2856, 26.2398



188.3020, 19.0781, 40.9541



165.3300, -17.4177, -13.4444



83.6030, 2.1677, 4.7332



61.4790, 37.7249, 80.2639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 137.1950, 21.1029, -1.9250 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 137.1950, 21.1029, -1.9250 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 137.1950, 21.1029, -1.9250

Background



This preview shows how black text looks on a background with the YUV color 137.1950, 21.1029, -1.9250.



This preview shows how white text looks on a background with the YUV color 137.1950, 21.1029, -1.9250.

-1.9250.

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

137.1950, 21.1029, -1.9250

Protanopia

135.6990, 23.3194, -12.8910

Deuteranopia

135.8520, 21.2720, -9.5172



Tritanopia

135.1610, 5.8366, -5.4032

Trichromacy



Original Color

137.1950, 21.1029, -1.9250

Protanomaly

136.4930, 22.4350, -9.2024

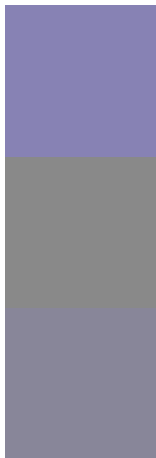
Deuteranomaly

136.4610, 20.9717, -6.5433

Tritanomaly

135.9530, 11.3622, -4.3438

Monochromacy



Original Color

137.1950, 21.1029, -1.9250

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1950, 21.1029, -1.9250 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(135, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 130, 180)  
}
```

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(135, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 130, 180) }
```

Border

The CSS property to change the border of an element to YUV 137.1950, 21.1029, -1.9250 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(135, 130, 180) }
```


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

```
.border{ border-color:rgb(135, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 130,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 137.1950, 21.1029, -1.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 130, 180) }
```

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

```
.background{ background-color: rgb(135,  
130, 180) }
```

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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