

Converting Colors

YUV(132.7290, -6.2754,
-87.4623)

Have a look what the booklet for
YUV(132.7290, -6.2754, -87.4623)
contains.

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Color

**YUV(132.7290, -6.2754,
-87.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	21BA78
RGB	33, 186, 120
RGB Percent	13%, 73%, 47%
CMY	0.8706, 0.2706, 0.5294
CMYK	0.82, 0.00, 0.35, 0.27
HSL	154°, 70%, 43%
HSV	154°, 82%, 73%
XYZ	21.5763, 36.7972, 23.7347
YIQ	132.7290, -70.0020, -52.9620

Conversions

Conversions Part 2

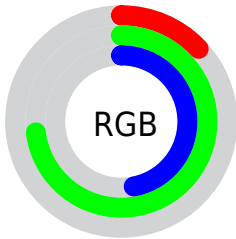
Format	Color
RYB	33, 131, 186
Decimal	2210424
CIELab	67.12, -53.28, 22.95
CIELCh	67, 58.017, 156.696
Yxy	36.7972, 0.2628, 0.4482
Android (android.graphics.Color)	4280400504 (0xFF21BA78)
YUV	132.7290, -6.2754, -87.4623
Hunter-Lab	60.6607, -42.6660, 19.2641

Details

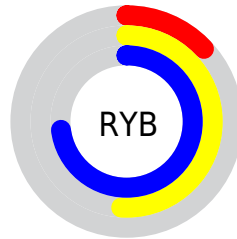
The YUV color **132.7290, -6.2754, -87.4623** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **86.2710, 6.2754, 87.4623**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0570, -10.3811, -77.2260**, and **84.9910, -6.8976, -74.5371** is the 20% darker color. If you saturate the color by 10%, you get **126.1360, -6.9690, -98.3433**, and if you desaturate by 10%, it is **139.3220, -5.5817, -76.5814**.

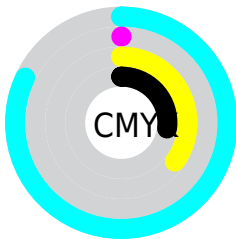
Distribution



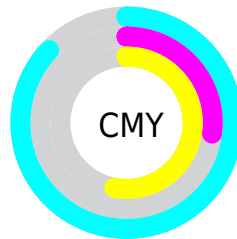
- Red (13%)
- Green (73%)
- Blue (47%)



- Red (13%)
- Yellow (51%)
- Blue (73%)



- Cyan (82%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7290, -6.2754, -87.4623 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 132.7290, -6.2754, -87.4623 by changing the saturation by 10% instead.


 132.7290, -6.2754,
-87.4623

 132.7290, -6.2754,
-87.4623


255.0000, 0.0000,
0.0000


 103.5760, -4.2280,
-90.8362


 194.0570,
-10.3811, -77.2260

 84.9910, -6.8976,
-74.5371


 213.1490, -6.4825,
-67.6597

 67.1070, -9.4198,
-58.8528


 225.3110, 1.3257,
-52.0157

 49.9240, -11.7945,
-43.7833

 237.3590, 8.6970,
-36.2718

 32.9860, -15.7691,
-28.9287

 246.3290, 4.2748,
-17.8285

 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,

0.0000

■ 132.7290, -6.2754,
-87.4623

■ 132.7290, -6.2754,
-87.4623

■ 126.1360, -6.9690,
-98.3433

■ 139.3220, -5.5817,
-76.5814

■ 121.2660, -7.5261,
-106.3503

■ 145.6160, -4.7407,
-66.3152

■ 152.2090, -4.0470,
-55.4343

■ 158.5030, -3.2060,
-45.1681

■ 165.0960, -2.5123,
-34.2872

■ 171.6890, -1.8187,
-23.4063

■ 177.9830, -0.9776,
-13.1401

■ 184.5760, -0.2840,
-2.2592

■ 190.8700, 0.5571,
8.0070

Harmonies

Analogous

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



150.7100, -37.3250, -21.6707



132.7290, -6.2754, -87.4623



130.7790, 21.3080, -114.6932

Triad

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



132.7290, -6.2754, -87.4623



150.1440, 51.6940, -60.6393



161.4650, -28.3302, 80.2762

Complementary

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



132.7290, -6.2754, -87.4623



86.2710, 6.2754, 87.4623

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.



161.8930, -3.8912, 81.6548



132.7290, -6.2754, -87.4623



167.8050, 39.5361, 12.4490

Square

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



132.7290, -6.2754, -87.4623



134.7300, 59.2931, -118.1582



166.8360, 19.3079, 60.6568



160.3870, -47.0258, 56.6656

Rectangle

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



132.7290, -6.2754, -87.4623



134.1820, 36.8853, -117.6776



166.8360, 19.3079, 60.6568



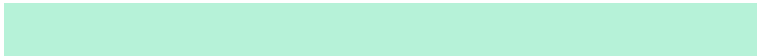
160.8380, -20.6261, 82.5801

Sweetspot

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



132.7290, -6.2754, -87.4623



221.0960, -2.5123, -34.2872



142.5450, -54.0057, -38.1890



109.5260, -1.2453, -20.6323



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



132.7290, -6.2754, -87.4623



158.4980, -9.6125, -137.2487



134.3830, 25.4472, -88.9129



88.8530, -0.4205, -5.1331



101.6040, -6.7068, -89.1067



18.2600, -1.1142, -16.0140

Inverse Universe

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



86.2710, 6.2754, 87.4623



85.6160, 10.0493, 137.1488



84.6170, -25.4472, 88.9129



86.1470, 0.4205, 5.1331



54.2820, 6.2700, 89.2067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 132.7290, -6.2754, -87.4623 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 132.7290, -6.2754, -87.4623 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

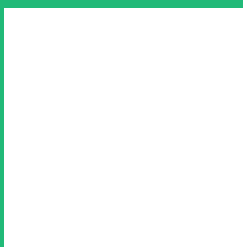
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.7290, -6.2754, -87.4623

Background



This preview shows how black text looks on a background with the YUV color 132.7290, -6.2754, -87.4623.



This preview shows how white text looks on a background with the YUV color 132.7290, -6.2754, -87.4623.

-87.4623.

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

132.7290, -6.2754, -87.4623

Protanopia

159.9590, -24.6298, 13.1910

Deuteranopia

162.8600, -17.6790, 23.8018



Tritanopia

147.3150, 22.0297, -66.0513

Trichromacy



Original Color

132.7290, -6.2754, -87.4623



Protanomaly

150.1500, -17.8220, -23.8106



Deuteranomaly

151.9320, -13.7705, -16.6034



Tritanomaly

141.9260, 11.8685, -73.6031

Monochromacy



Original Color

132.7290, -6.2754, -87.4623



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8190, -2.3758, -31.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7290, -6.2754, -87.4623 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(33, 186, 120)` looks like.

```
.text, #text, p{  
    color:rgb(33, 186, 120)  
}
```

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(33, 186, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 186, 120) }
```

Border

The CSS property to change the border of an element to YUV 132.7290, -6.2754, -87.4623 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(33, 186, 120) }
```


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

```
.border{ border-color:rgb(33, 186, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 186, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 186, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 186, 120);  
box-shadow:4px 4px 4px 4px rgb(33, 186,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 132.7290, -6.2754, -87.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 186, 120) }
```

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

```
.background{ background-color: rgb(33, 186,  
120) }
```

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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