

Converting Colors

YUV(121.1180, -33.0892,
-73.7715)

Have a look what the booklet for
YUV(121.1180, -33.0892, -73.7715)
contains.

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Color

**YUV(121.1180, -33.0892,
-73.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	25B136
RGB	37, 177, 54
RGB Percent	15%, 69%, 21%
CMY	0.8549, 0.3059, 0.7882
CMYK	0.79, 0.00, 0.69, 0.31
HSL	127°, 65%, 42%
HSV	127°, 79%, 69%
XYZ	17.1509, 32.1039, 8.7828
YIQ	121.1180, -43.9570, -67.9330

Conversions

Conversions Part 2

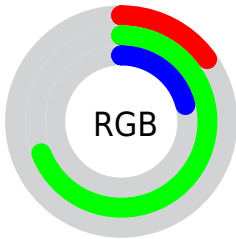
Format	Color
RYB	37, 162, 177
Decimal	2470198
CIELab	63.43, -59.82, 50.53
CIELCh	63, 78.307, 139.812
Yxy	32.1039, 0.2955, 0.5532
Android (android.graphics.Color)	4280660278 (0xFF25B136)
YUV	121.1180, -33.0892, -73.7715
Hunter-Lab	56.6603, -45.1241, 30.4719

Details

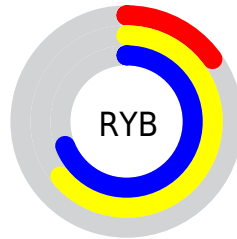
The YUV color **121.1180, -33.0892, -73.7715** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **92.8820, 33.0892, 73.7715**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5490, -36.7527, -65.3795**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **113.9120, -37.4246, -83.2378**, and if you desaturate by 10%, it is **128.3240, -28.7537, -64.3051**.

Distribution



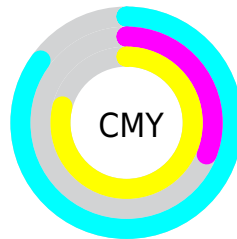
- Red (15%)
- Green (69%)
- Blue (21%)



- Red (15%)
- Yellow (64%)
- Blue (69%)



- Cyan (79%)
- Magenta (0%)
- Yellow (69%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1180, -33.0892, -73.7715 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 121.1180, -33.0892, -73.7715 by changing the saturation by 10% instead.

■ 121.1180,
-33.0892, -73.7715

■ 121.1180,
-33.0892, -73.7715

■ 255.0000, 0.0000,
0.0000

■ 90.9000, -32.4887,
-79.7193

■ 181.5490,
-36.7527, -65.3795

■ 72.2010, -35.5951,
-63.3203

■ 205.9240,
-35.4585, -60.4463

■ 56.9390, -28.0709,
-49.9355

■ 217.9720,
-28.0872, -44.7024

■ 41.6770, -20.5468,
-36.5507

■ 230.1340,
-20.2791, -29.0585

■ 28.7630, -14.1802,
-25.2252

■ 242.4100,
-12.0341, -13.5146

■ 11.7400, -5.7878,
-10.2960

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 121.1180,
-33.0892, -73.7715

■ 121.1180,
-33.0892, -73.7715

■ 113.9120,
-37.4246, -83.2378

■ 128.3240,
-28.7537, -64.3051

■ 107.1190,
-41.4707, -92.1894

■ 135.1170,
-24.7077, -55.3536

■ 106.2930,
-42.0494, -93.2190

■ 142.3230,
-20.3722, -45.8873

■ 149.4150,
-16.4736, -36.3210

■ 156.6210,
-12.1382, -26.8546

■ 163.4140, -8.0921,
-17.9031

■ 170.6200, -3.7567,
-8.4367

■ 177.7120, 0.1420,
1.1296

■ 184.6190, 4.6248,
9.9811

Harmonies

Analogous

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



138.4270, -68.2445, 2.2565



121.1180, -33.0892, -73.7715



121.8990, 2.5148, -106.9054

Triad

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



121.1180, -33.0892, -73.7715



128.2730, 62.4764, -112.4954



135.8590, -12.2555, 104.4867

Complementary

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



121.1180, -33.0892, -73.7715



92.8820, 33.0892, 73.7715

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.



143.1380, 18.1730, 98.1030



121.1180, -33.0892, -73.7715



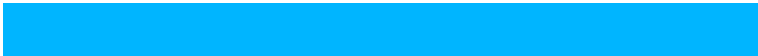
141.9920, 55.7129, -42.9660

Square

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



121.1180, -33.0892, -73.7715



135.3170, 59.0037, -118.6730



156.7740, 43.4954, 49.3102



145.6350, -49.6131, 93.2821

Rectangle

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



121.1180, -33.0892, -73.7715



128.5450, 22.9023, -112.7340



156.7740, 43.4954, 49.3102



134.9590, -0.4728, 105.2760

Sweetspot

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



121.1180, -33.0892, -73.7715



207.6700, -13.1483, -29.5286



156.2560, -58.7932, 4.1605



101.5280, -7.6553, -18.0031



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.1180, -33.0892, -73.7715



142.6310, -51.5831, -115.4404



128.9840, -2.9501, -80.6700



85.3970, -2.1677, -4.7332



91.9770, -35.9777, -80.6638



15.6040, -6.2138, -13.6847

Inverse Universe

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



92.8820, 33.0892, 73.7715



98.3690, 51.5831, 115.4404



85.0160, 2.9501, 80.6700



83.6030, 2.1677, 4.7332



61.0230, 35.9777, 80.6638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 121.1180, -33.0892, -73.7715 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 121.1180, -33.0892, -73.7715 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 121.1180, -33.0892, -73.7715 Background



This preview shows how black text looks on a background with the YUV color 121.1180, -33.0892, -73.7715.



This preview shows how white text looks on a background with the YUV color 121.1180, -33.0892, -73.7715.

-73.7715.

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

121.1180, -33.0892, -73.7715

Protanopia

146.4120, -48.5171, 21.5637

Deuteranopia

149.0360, -41.4297, 35.0484



Tritanopia

140.8820, 18.7922, -54.2705

Trichromacy



Original Color

121.1180, -33.0892, -73.7715



Protanomaly

137.2720, -43.0251, -13.3935



Deuteranomaly

139.1790, -38.5422, -4.5420



Tritanomaly

133.6150, 0.1898, -61.0524

Monochromacy



Original Color

121.1180, -33.0892, -73.7715



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.7350, -11.7014, -26.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1180, -33.0892, -73.7715 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(37, 177, 54)` looks like.

```
.text, #text, p{  
    color:rgb(37, 177, 54)  
}
```

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(37, 177, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 177, 54) }
```

Border

The CSS property to change the border of an element to YUV 121.1180, -33.0892, -73.7715 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(37, 177, 54) }
```


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

```
.border{ border-color:rgb(37, 177, 54) }
```

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

Here you see how a box with a 4 pixel rgb(37, 177, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 177, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 177, 54);  
box-shadow:4px 4px 4px 4px rgb(37, 177,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 121.1180, -33.0892, -73.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 177, 54) }
```

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

```
.background{ background-color: rgb(37, 177,  
54) }
```

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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