

Converting Colors

YUV(128.5750, -36.2725,
-79.4343)

Have a look what the booklet for
YUV(128.5750, -36.2725, -79.4343)
contains.

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Color

**YUV(128.5750, -36.2725,
-79.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	26BD37
RGB	38, 189, 55
RGB Percent	15%, 74%, 22%
CMY	0.8510, 0.2588, 0.7843
CMYK	0.80, 0.00, 0.71, 0.26
HSL	127°, 67%, 45%
HSV	127°, 80%, 74%
XYZ	19.6865, 37.0831, 9.7346
YIQ	128.5750, -46.9820, -73.6860

Conversions

Conversions Part 2

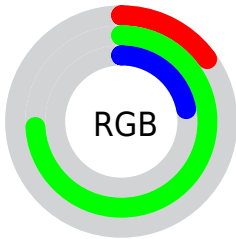
Format	Color
RYB	38, 174, 189
Decimal	2538807
CIELab	67.34, -63.39, 54.26
CIElCh	67, 83.439, 139.437
Yxy	37.0831, 0.2960, 0.5576
Android (android.graphics.Color)	4280728887 (0xFF26BD37)
YUV	128.5750, -36.2725, -79.4343
Hunter-Lab	60.8959, -48.8621, 33.1492

Details

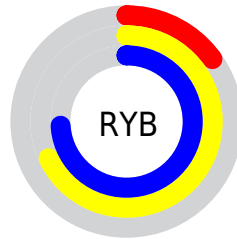
The YUV color **128.5750, -36.2725, -79.4343** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **98.4250, 36.2725, 79.4343**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6040, -40.2308, -69.8127**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **120.9560, -40.8973, -89.4154**, and if you desaturate by 10%, it is **136.1940, -31.6476, -69.4531**.

Distribution



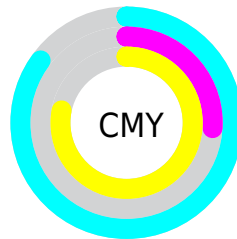
- Red (15%)
- Green (74%)
- Blue (22%)



- Red (15%)
- Yellow (68%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (71%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5750, -36.2725, -79.4343 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 128.5750, -36.2725, -79.4343 by changing the saturation by 10% instead.

■ 128.5750,
-36.2725, -79.4343

■ 128.5750,
-36.2725, -79.4343

■ 255.0000, 0.0000,
0.0000

■ 97.2430, -36.1088,
-85.2821

■ 190.6040,
-40.2308, -69.8127

■ 78.6580, -38.7784,
-68.9831

■ 207.6470,
-35.3220, -57.5724

■ 63.3960, -31.2542,
-55.5983

■ 219.8090,
-27.5138, -41.9285

■ 48.1340, -23.7301,
-42.2135

■ 231.9710,
-19.7057, -26.2846

■ 34.0460, -16.7847,
-29.8583

■ 244.5460,
-11.6082, -10.1258

■ 19.3710, -9.5499,
-16.9884

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 128.5750,
-36.2725, -79.4343

■ 128.5750,
-36.2725, -79.4343

■ 120.9560,
-40.8973, -89.4154

■ 136.1940,
-31.6476, -69.4531

■ 113.3370,
-45.5221, -99.3965

■ 143.8130,
-27.0228, -59.4720

■ 151.3180,
-22.8348, -49.3909

■ 158.9370,
-18.2099, -39.4097

■ 166.2570,
-13.4377, -30.0434

■ 173.8760, -8.8129,
-20.0623

■ 181.3810, -4.6248,
-9.9811

■ 189.0000, 0.0000,
0.0000

■ 196.6190, 4.6248,
9.9811

Harmonies

Analogous

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



147.8740, -72.9019, 2.7415



128.5750, -36.2725, -79.4343



130.3280, 1.8103, -114.2977

Triad

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



128.5750, -36.2725, -79.4343



135.3170, 59.0037, -118.6730



138.5320, -9.6293, 102.1424

Complementary

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



128.5750, -36.2725, -79.4343



98.4250, 36.2725, 79.4343

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.



146.4950, 23.4200, 95.1589



128.5750, -36.2725, -79.4343



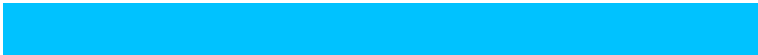
148.7480, 52.3822, -48.0140

Square

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



128.5750, -36.2725, -79.4343



142.9480, 55.2416, -125.3654



166.4970, 43.6320, 52.1841



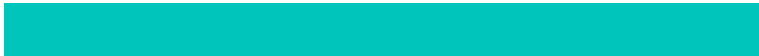
150.2820, -50.9180, 91.8377

Rectangle

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



128.5750, -36.2725, -79.4343



136.9570, 24.6712, -120.1113



166.4970, 43.6320, 52.1841



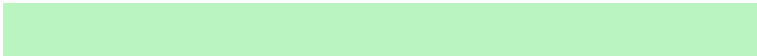
137.8600, 3.0270, 102.7318

Sweetspot

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



128.5750, -36.2725, -79.4343



221.4310, -14.0165, -31.0730



167.3010, -63.7454, 5.8750



108.0010, -8.3815, -18.4179



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.



128.5750, -36.2725, -79.4343



150.9090, -56.6501, -123.5772



137.0110, -3.9494, -86.8326



90.3970, -2.1677, -4.7332



94.7980, -37.8614, -83.1378



18.5390, -7.6607, -16.2587

Inverse Universe

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



98.4250, 36.2725, 79.4343



103.9770, 56.2133, 123.6772



89.9890, 3.9494, 86.8326



88.6030, 2.1677, 4.7332



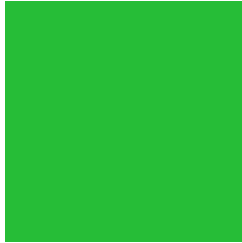
63.2020, 37.8614, 83.1378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 128.5750, -36.2725, -79.4343 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 128.5750, -36.2725, -79.4343 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 128.5750, -36.2725, -79.4343 Background



This preview shows how black text looks on a background with the YUV color 128.5750, -36.2725, -79.4343.



This preview shows how white text looks on a background with the YUV color 128.5750, -36.2725, -79.4343.

-79.4343.

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

128.5750, -36.2725, -79.4343

Protanopia

155.5710, -53.0325, 23.1782

Deuteranopia

159.0210, -45.3664, 37.6926



Tritanopia

150.2020, 20.1134, -58.0592

Trichromacy



Original Color

128.5750, -36.2725, -79.4343



Protanomaly

145.6480, -46.6615, -13.7233



Deuteranomaly

147.6690, -41.7418, -4.9717



Tritanomaly

142.4680, -0.2307, -66.1854

Monochromacy



Original Color

128.5750, -36.2725, -79.4343



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.9690, -13.2957, -28.9138

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5750, -36.2725, -79.4343 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(38, 189, 55)` looks like.

```
.text, #text, p{  
    color:rgb(38, 189, 55)  
}
```

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(38, 189, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 189, 55) }
```

Border

The CSS property to change the border of an element to YUV 128.5750, -36.2725, -79.4343 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(38, 189, 55) }
```


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

```
.border{ border-color:rgb(38, 189, 55) }
```

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

Here you see how a box with a 4 pixel rgb(38, 189, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 189, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 189, 55);  
box-shadow:4px 4px 4px 4px rgb(38, 189,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 128.5750, -36.2725, -79.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 189, 55) }
```

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

```
.background{ background-color: rgb(38, 189,  
55) }
```

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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