

Converting Colors

YUV(129.3030, -16.9114,
-82.7037)

Have a look what the booklet for
YUV(129.3030, -16.9114, -82.7037)
contains.

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Color

**YUV(129.3030, -16.9114,
-82.7037)**

Conversions

Conversions Part 1

Format	Color
Hex	23B85F
RGB	35, 184, 95
RGB Percent	14%, 72%, 37%
CMY	0.8627, 0.2784, 0.6275
CMYK	0.81, 0.00, 0.48, 0.28
HSL	144°, 68%, 43%
HSV	144°, 81%, 72%
XYZ	19.8992, 35.4645, 16.6230
YIQ	129.3030, -60.2350, -59.2670

Conversions

Conversions Part 2

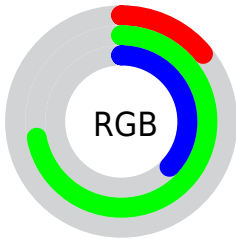
Format	Color
RYB	35, 141, 184
Decimal	2340959
CIELab	66.11, -57.02, 34.67
CIELCh	66, 66.737, 148.697
Yxy	35.4645, 0.2764, 0.4927
Android (android.graphics.Color)	4280531039 (0xFF23B85F)
YUV	129.3030, -16.9114, -82.7037
Hunter-Lab	59.5521, -44.5709, 25.1366

Details

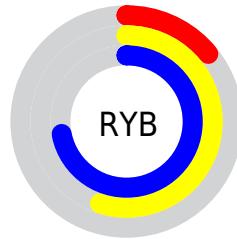
The YUV color **129.3030, -16.9114, -82.7037** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **89.6970, 16.9114, 82.7037**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9190, -21.1591, -73.5970**, and **80.9670, -17.2387, -71.0081** is the 20% darker color. If you saturate the color by 10%, you get **122.6670, -19.0628, -92.6700**, and if you desaturate by 10%, it is **135.9390, -14.7599, -72.7375**.

Distribution



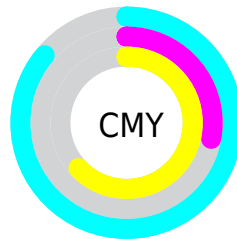
- Red (14%)
- Green (72%)
- Blue (37%)



- Red (14%)
- Yellow (55%)
- Blue (72%)



- Cyan (81%)
- Magenta (0%)
- Yellow (48%)
- Black (28%)





- Cyan (86%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.3030, -16.9114, -82.7037 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 129.3030, -16.9114, -82.7037 by changing the saturation by 10% instead.


 129.3030,
-16.9114, -82.7037

 129.3030,
-16.9114, -82.7037


255.0000, 0.0000,
0.0000


 99.5520, -14.5691,
-87.3071


 189.9190,
-21.1591, -73.5970


 80.9670, -17.2387,
-71.0081

 210.4840,
-17.9866, -64.4455

 62.8550, -20.6345,
-55.1238


 222.6460,
-10.1785, -48.8015

 45.7860, -22.5725,
-40.1543

 234.8080, -2.3703,
-33.1576

 31.6980, -15.6271,
-27.7991

 246.6280, 4.1274,
-17.2138

 17.6100, -8.6817,
-15.4440

 0.0000, 0.0000,

0.0000

■ 129.3030,
-16.9114, -82.7037

■ 129.3030,
-16.9114, -82.7037

■ 122.6670,
-19.0628, -92.6700

■ 135.9390,
-14.7599, -72.7375

■ 116.4440,
-20.9249, -102.1214

■ 142.8740,
-12.7559, -62.1565

■ 149.5100,
-10.6044, -52.1903

■ 156.4450, -8.6004,
-41.6093

■ 163.0810, -6.4489,
-31.6430

■ 169.7170, -4.2975,
-21.6768

■ 176.6520, -2.2934,
-11.0958

■ 183.2880, -0.1420,
-1.1296

■ 190.2230, 1.8621,
9.4514

Harmonies

Analogous

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



147.1060, -51.3243, -11.4940



129.3030, -16.9114, -82.7037



128.7270, 13.4456, -112.8936

Triad

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



129.3030, -16.9114, -82.7037



127.6860, 62.7658, -111.9806



153.0130, -22.6844, 89.4426

Complementary

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



129.3030, -16.9114, -82.7037



89.6970, 16.9114, 82.7037

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.



155.0430, 5.4018, 87.6623



129.3030, -16.9114, -82.7037



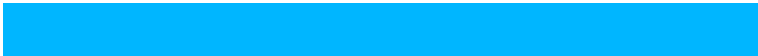
161.1170, 46.2843, -5.3646

Square

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



129.3030, -16.9114, -82.7037



135.9040, 58.7143, -119.1878



164.1590, 29.5016, 57.7426



155.9160, -49.2586, 72.8647

Rectangle

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



129.3030, -16.9114, -82.7037



133.4010, 31.3543, -116.9927



164.1590, 29.5016, 57.7426



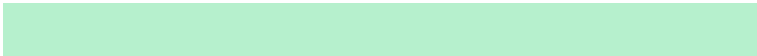
152.2440, -12.9383, 90.1170

Sweetspot

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



129.3030, -16.9114, -82.7037



218.6680, -6.7383, -32.1578



149.0740, -56.2385, -21.9899



107.1410, -4.0135, -19.4177



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



129.3030, -16.9114, -82.7037



154.4870, -26.3691, -129.3461



137.7390, 15.4117, -90.1021



88.6250, -1.2941, -4.9331



98.7540, -17.6267, -86.6073



17.6900, -3.2982, -15.5141

Inverse Universe

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



89.6970, 16.9114, 82.7037



92.5130, 26.3691, 129.3461



81.2610, -15.4117, 90.1021



86.2610, 0.8573, 5.0331



57.2460, 17.6267, 86.6073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 129.3030, -16.9114, -82.7037 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 129.3030, -16.9114, -82.7037 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 129.3030, -16.9114, -82.7037 Background



This preview shows how black text looks on a background with the YUV color 129.3030, -16.9114, -82.7037.



This preview shows how white text looks on a background with the YUV color 129.3030, -16.9114, -82.7037.

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

129.3030, -16.9114, -82.7037

Protanopia

155.4620, -34.2448, 17.1348

Deuteranopia

158.3740, -27.2994, 29.4900



Tritanopia

146.2940, 20.5611, -61.6478

Trichromacy



Original Color

129.3030, -16.9114, -82.7037

Protanomaly

145.8380, -28.0211, -19.1519

Deuteranomaly

148.0330, -23.6803, -11.4299

Tritanomaly

140.2810, 6.7635, -69.5294

Monochromacy



Original Color

129.3030, -16.9114, -82.7037

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2060, -6.0176, -29.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3030, -16.9114, -82.7037 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(35, 184, 95)` looks like.

```
.text, #text, p{  
    color:rgb(35, 184, 95)  
}
```

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(35, 184, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 184, 95) }
```

Border

The CSS property to change the border of an element to YUV 129.3030, -16.9114, -82.7037 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(35, 184, 95) }
```


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

```
.border{ border-color:rgb(35, 184, 95) }
```

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

Here you see how a box with a 4 pixel rgb(35, 184, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 184, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 184, 95);  
box-shadow:4px 4px 4px 4px rgb(35, 184,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 129.3030, -16.9114, -82.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 184, 95) }
```

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

```
.background{ background-color: rgb(35, 184,  
95) }
```

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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