

Converting Colors

YUV(136.8740, -29.5179,
-52.5095)

Have a look what the booklet for
YUV(136.8740, -29.5179, -52.5095)
contains.

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Color

**YUV(136.8740, -29.5179,
-52.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB34D
RGB	77, 179, 77
RGB Percent	30%, 70%, 30%
CMY	0.6980, 0.2980, 0.6980
CMYK	0.57, 0.00, 0.57, 0.30
HSL	120°, 40%, 50%
HSV	120°, 57%, 70%
XYZ	20.5202, 34.3538, 12.5706
YIQ	136.8740, -28.0500, -53.3460

Conversions

Conversions Part 2

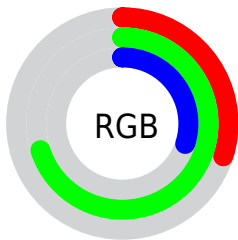
Format	Color
RYB	77, 179, 179
Decimal	5092173
CIELab	65.24, -50.23, 42.69
CIELCh	65, 65.920, 139.642
Yxy	34.3538, 0.3043, 0.5094
Android (android.graphics.Color)	4283282253 (0xFF4DB34D)
YUV	136.8740, -29.5179, -52.5095
Hunter-Lab	58.6121, -40.0780, 28.3125

Details

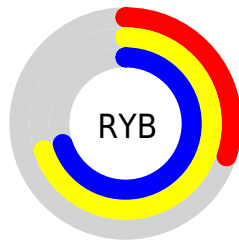
The YUV color **136.8740, -29.5179, -52.5095** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **119.1260, 29.5179, 52.5095**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6030, -31.8493, -51.3948**, and **76.2250, -25.2539, -66.8493** is the 20% darker color. If you saturate the color by 10%, you get **129.4400, -34.7269, -61.7759**, and if you desaturate by 10%, it is **144.3080, -24.3088, -43.2431**.

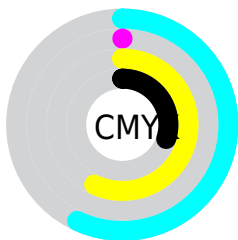
Distribution



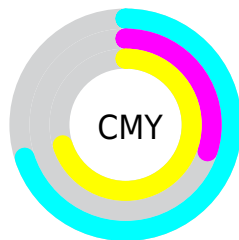
- Red (30%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (30%)



- Cyan (70%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8740, -29.5179, -52.5095 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 136.8740, -29.5179, -52.5095 by changing the saturation by 10% instead.

■ 136.8740,
-29.5179, -52.5095

■ 136.8740,
-29.5179, -52.5095

■ 255.0000, 0.0000,
0.0000

■ 108.6070,
-27.9073, -55.7833

■ 193.6030,
-31.8493, -51.3948

■ 76.2250, -25.2539,
-66.8493

■ 216.2060,
-29.6816, -46.6617

■ 58.1130, -28.6497,
-50.9651

■ 227.9550,
-22.1628, -31.5325

■ 43.4380, -21.4149,
-38.0951

■ 240.1170,
-14.3547, -15.8886

■ 29.9370, -14.7589,
-26.2547

■ 252.3930, -6.1097,
-0.3447

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 136.8740,
-29.5179, -52.5095

■ 136.8740,
-29.5179, -52.5095

■ 129.4400,
-34.7269, -61.7759

■ 144.3080,
-24.3088, -43.2431

■ 122.0060,
-39.9360, -71.0423

■ 151.7420,
-19.0998, -33.9767

■ 114.5720,
-45.1450, -80.3086

■ 159.1760,
-13.8908, -24.7104

■ 107.1380,
-50.3540, -89.5750

■ 166.6100, -8.6817,
-15.4440

■ 105.0730,
-51.8010, -92.1490

■ 174.0440, -3.4727,
-6.1776

■ 181.0650, 1.4470,
2.5740

■ 188.4990, 6.6560,
11.8404

■ 195.9330, 11.8650,
21.1068

■ 203.3670, 17.0741,
30.3731

Harmonies

Analogous

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



146.5980, -57.4828, 3.8606



136.8740, -29.5179, -52.5095



123.9850, 5.4304, -108.7348

Triad

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



136.8740, -29.5179, -52.5095



129.4470, 61.8976, -113.5250



151.2010, -14.3961, 91.0317

Complementary

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



136.8740, -29.5179, -52.5095



119.1260, 29.5179, 52.5095

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.



157.6280, 11.5224, 84.5182



136.8740, -29.5179, -52.5095



153.2880, 50.1440, -30.0706

Square

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



136.8740, -29.5179, -52.5095



134.9920, 55.2199, -118.3880



162.7700, 36.1024, 40.5437



153.9090, -41.8601, 79.8868

Rectangle

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



136.8740, -29.5179, -52.5095



129.2460, 23.0497, -113.3487



162.7700, 36.1024, 40.5437



151.7200, -4.7920, 90.5766

Sweetspot

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



136.8740, -29.5179, -52.5095



215.8930, -11.2862, -20.0772



167.3720, -44.5534, 10.1978



107.5010, -6.6560, -11.8404



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.



136.8740, -29.5179, -52.5095



166.7460, -45.7238, -81.3382



142.6880, -7.2412, -57.6084



85.2830, -2.6045, -4.6332



89.8110, -44.2768, -78.7642



15.2620, -7.5242, -13.3848

Inverse Universe

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



119.1260, 29.5179, 52.5095



139.2540, 45.7238, 81.3382



113.3120, 7.2412, 57.6084



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 136.8740, -29.5179, -52.5095 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 136.8740, -29.5179, -52.5095 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 136.8740, -29.5179, -52.5095 Background



This preview shows how black text looks on a background with the YUV color 136.8740, -29.5179, -52.5095.



This preview shows how white text looks on a background with the YUV color 136.8740, -29.5179, -52.5095.

-52.5095.

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

136.8740, -29.5179, -52.5095

Protanopia

152.4640, -40.6548, 19.7641

Deuteranopia

155.1480, -34.5830, 32.3192



Tritanopia

149.5630, 15.9914, -42.5898

Trichromacy



Original Color

136.8740, -29.5179, -52.5095

Protanomaly

146.7380, -36.3528, -6.7862

Deuteranomaly

148.7050, -32.8856, 1.1357

Tritanomaly

144.8880, -0.4378, -46.3828

Monochromacy



Original Color

136.8740, -29.5179, -52.5095

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7190, -10.7075, -19.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8740, -29.5179, -52.5095 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(77, 179, 77)` looks like.

```
.text, #text, p{  
    color:rgb(77, 179, 77)  
}
```

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(77, 179, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 179, 77) }
```

Border

The CSS property to change the border of an element to YUV 136.8740, -29.5179, -52.5095 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(77, 179, 77) }
```


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

```
.border{ border-color:rgb(77, 179, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 179, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 179, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 179, 77);  
box-shadow:4px 4px 4px 4px rgb(77, 179,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 136.8740, -29.5179, -52.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 179, 77) }
```

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

```
.background{ background-color: rgb(77, 179,  
77) }
```

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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