

Converting Colors

YUV(152.8450, -29.0106,
-75.2861)

Have a look what the booklet for
YUV(152.8450, -29.0106, -75.2861)
contains.

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Color

**YUV(152.8450, -29.0106,
-75.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	43D05E
RGB	67, 208, 94
RGB Percent	26%, 82%, 37%
CMY	0.7373, 0.1843, 0.6314
CMYK	0.68, 0.00, 0.55, 0.18
HSL	131°, 60%, 54%
HSV	131°, 68%, 82%
XYZ	26.8910, 47.1132, 18.2661
YIQ	152.8450, -47.4420, -65.3460

Conversions

Conversions Part 2

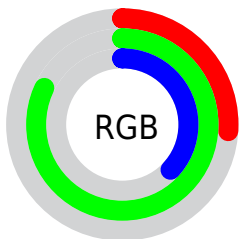
Format	Color
RYB	67, 185, 208
Decimal	4444254
CIELab	74.26, -60.82, 45.32
CIELCh	74, 75.848, 143.308
Yxy	47.1132, 0.2914, 0.5106
Android (android.graphics.Color)	4282634334 (0xFF43D05E)
YUV	152.8450, -29.0106, -75.2861
Hunter-Lab	68.6391, -50.1867, 32.2692

Details

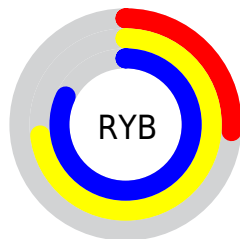
The YUV color **152.8450, -29.0106, -75.2861** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **122.1550, 29.0106, 75.2861**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6120, -28.8957, -65.4347**, and **94.0120, -25.6419, -82.4485** is the 20% darker color. If you saturate the color by 10%, you get **144.6280, -33.3406, -86.4968**, and if you desaturate by 10%, it is **161.0620, -24.6806, -64.0754**.

Distribution



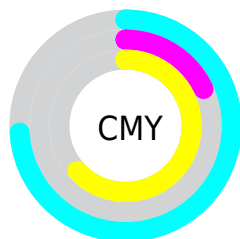
- Red (26%)
- Green (82%)
- Blue (37%)



- Red (26%)
- Yellow (73%)
- Blue (82%)



- Cyan (68%)
- Magenta (0%)
- Yellow (55%)
- Black (18%)



- Cyan (74%)
- Magenta (18%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8450, -29.0106, -75.2861 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 152.8450, -29.0106, -75.2861 by changing the saturation by 10% instead.

■ 152.8450,
-29.0106, -75.2861

■ 152.8450,
-29.0106, -75.2861

■ 255.0000, 0.0000,
0.0000

■ 119.6910,
-25.4837, -86.5520

■ 205.6120,
-28.8957, -65.4347

■ 94.0120, -25.6419,
-82.4485

■ 217.6600,
-21.5244, -49.6908

■ 74.7430, -30.9323,
-65.5496

■ 230.1210,
-13.8637, -33.4321

■ 58.1130, -28.6497,
-50.9651

■ 242.3970, -5.6187,
-17.8882

■ 43.4380, -21.4149,
-38.0951

■ 254.1030, 0.4422,
-1.8443

■ 29.9370, -14.7589,
-26.2547

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 152.8450,
-29.0106, -75.2861

■ 152.8450,
-29.0106, -75.2861

■ 144.6280,
-33.3406, -86.4968

■ 161.0620,
-24.6806, -64.0754

■ 136.4110,
-37.6706, -97.7074

■ 169.2790,
-20.3505, -52.8647

■ 128.6070,
-41.7113, -108.4033

■ 177.0830,
-16.3099, -42.1688

■ 126.6560,
-42.7214, -111.0773

■ 185.3000,
-11.9799, -30.9581

■ 193.5170, -7.6499,
-19.7474

■ 201.7340, -3.3199,
-8.5367

■ 209.9510, 1.0102,
2.6740

■ 217.8690, 5.4876,
13.2699

■ 225.9720, 9.3808,
24.5806

Harmonies

Analogous

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



167.2630, -66.1917, -2.8617



152.8450, -29.0106, -75.2861



144.3140, 9.7052, -126.5634

Triad

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



152.8450, -29.0106, -75.2861



143.5350, 54.9522, -125.8802



161.1460, -14.3690, 82.3100

Complementary

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



152.8450, -29.0106, -75.2861



122.1550, 29.0106, 75.2861

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.



166.6640, 16.9276, 77.4707



152.8450, -29.0106, -75.2861



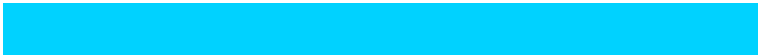
174.8950, 39.4918, -20.0789

Square

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



152.8450, -29.0106, -75.2861



152.3400, 50.6114, -133.6022



185.7120, 34.1590, 57.2576



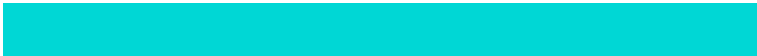
169.3400, -48.9746, 75.1238

Rectangle

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



152.8450, -29.0106, -75.2861



150.4870, 30.8189, -131.9771



185.7120, 34.1590, 57.2576



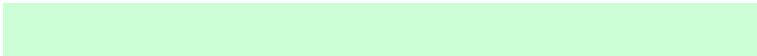
160.7190, -3.3125, 82.6844

Sweetspot

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



152.8450, -29.0106, -75.2861



235.0770, -10.3910, -27.2545



184.1520, -57.7559, -1.8873



115.8810, -6.3503, -16.5586



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



152.8450, -29.0106, -75.2861



174.0690, -42.4320, -110.5625



160.7110, 1.1285, -82.1845



100.6850, -2.3097, -5.8627



102.2640, -34.6402, -89.6855



24.9790, -8.3706, -21.9066

Inverse Universe

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



122.1550, 29.0106, 75.2861



128.9310, 42.4320, 110.5625



114.2890, -1.1285, 82.1845



98.3150, 2.3097, 5.8627



65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 152.8450, -29.0106, -75.2861 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 152.8450, -29.0106, -75.2861 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 152.8450, -29.0106, -75.2861 Background



This preview shows how black text looks on a background with the YUV color 152.8450, -29.0106, -75.2861.



This preview shows how white text looks on a background with the YUV color 152.8450, -29.0106, -75.2861.

-75.2861.

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

152.8450, -29.0106, -75.2861

Protanopia

176.0360, -44.8807, 21.8934

Deuteranopia

179.3720, -37.6514, 36.5078



Tritanopia

169.6040, 20.4082, -59.2887

Trichromacy



Original Color

152.8450, -29.0106, -75.2861



Protanomaly

167.5970, -39.2413, -13.6786



Deuteranomaly

169.9170, -34.4691, -4.3122



Tritanomaly

163.1630, 2.3846, -65.0410

Monochromacy



Original Color

152.8450, -29.0106, -75.2861



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0770, -10.3910, -27.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8450, -29.0106, -75.2861 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(67, 208, 94)` looks like.

```
.text, #text, p{  
    color:rgb(67, 208, 94)  
}
```

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(67, 208, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 208, 94) }
```

Border

The CSS property to change the border of an element to YUV 152.8450, -29.0106, -75.2861 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(67, 208, 94) }
```


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

```
.border{ border-color:rgb(67, 208, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 208, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 208, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 208, 94);  
box-shadow:4px 4px 4px 4px rgb(67, 208,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 152.8450, -29.0106, -75.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 208, 94) }
```

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

```
.background{ background-color: rgb(67, 208,  
94) }
```

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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