

Converting Colors

YUV(153.7860, -29.4745,
-66.4643)

Have a look what the booklet for
YUV(153.7860, -29.4745, -66.4643)
contains.

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Color

**YUV(153.7860, -29.4745,
-66.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	4ECC5E
RGB	78, 204, 94
RGB Percent	31%, 80%, 37%
CMY	0.6941, 0.2000, 0.6314
CMYK	0.62, 0.00, 0.54, 0.20
HSL	128°, 55%, 55%
HSV	128°, 62%, 80%
XYZ	26.7551, 45.6136, 17.9838
YIQ	153.7860, -39.7860, -60.9220

Conversions

Conversions Part 2

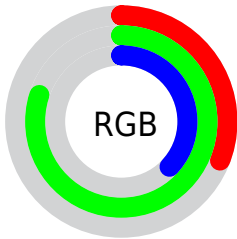
Format	Color
RYB	78, 190, 204
Decimal	5164126
CIELab	73.29, -57.20, 44.22
CIELCh	73, 72.302, 142.292
Yxy	45.6136, 0.2961, 0.5048
Android (android.graphics.Color)	4283354206 (0xFF4ECC5E)
YUV	153.7860, -29.4745, -66.4643
Hunter-Lab	67.5378, -47.4784, 31.4889

Details

The YUV color **153.7860, -29.4745, -66.4643** 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 **128.2140, 29.4745, 66.4643**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0040, -30.0750, -60.5165**, and **92.3650, -24.3369, -81.0041** is the 20% darker color. If you saturate the color by 10%, you get **145.7540, -34.3887, -76.9603**, and if you desaturate by 10%, it is **161.8180, -24.5603, -55.9684**.

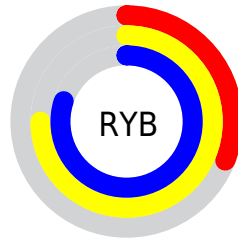
Distribution



Red (31%)

Green (80%)

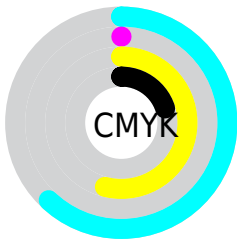
Blue (37%)



Red (31%)

Yellow (75%)

Blue (80%)

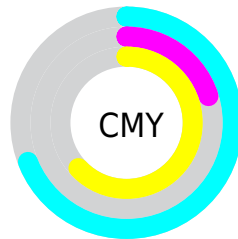


Cyan (62%)

Magenta (0%)

Yellow (54%)

Black (20%)



Cyan (69%)

Magenta (20%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7860, -29.4745, -66.4643 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 153.7860, -29.4745, -66.4643 by changing the saturation by 10% instead.

■ 153.7860,
-29.4745, -66.4643

■ 153.7860,
-29.4745, -66.4643

■ 255.0000, 0.0000,
0.0000

■ 123.6220,
-27.4216, -71.5825

■ 208.0040,
-30.0750, -60.5165

■ 92.3650, -24.3369,
-81.0041

■ 220.0520,
-22.7036, -44.7726

■ 73.0960, -29.6273,
-64.1052

■ 231.9150,
-14.7481, -29.7435

■ 56.3520, -27.7815,
-49.4207

■ 244.1910, -6.5032,
-14.1995

■ 41.6770, -20.5468,
-36.5507

■ 28.7630, -14.1802,
-25.2252

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 153.7860,
-29.4745, -66.4643

■ 153.7860,
-29.4745, -66.4643

■ 145.7540,
-34.3887, -76.9603

■ 161.8180,
-24.5603, -55.9684

■ 137.4230,
-39.1555, -88.0710

■ 170.1490,
-19.7935, -44.8577

■ 129.5050,
-43.6330, -98.6669

■ 178.0670,
-15.3160, -34.2618

■ 122.7120,
-47.6790, -107.6184

■ 186.3980,
-10.5492, -23.1510

■ 194.4300, -5.6350,
-12.6551

■ 202.4620, -0.7208,
-2.1592

■ 210.7930, 4.0461,
8.9515

■ 218.7110, 8.5235,
19.5475

■ 224.9490, 14.3221,
26.3547

Harmonies

Analogous

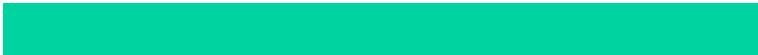
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.3110, -62.2713, -0.2727



153.7860, -29.4745, -66.4643



141.5100, 9.1156, -124.1043

Triad

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



153.7860, -29.4745, -66.4643



142.3610, 55.5310, -124.8506



161.9610, -13.7848, 81.5952

Complementary

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



153.7860, -29.4745, -66.4643



128.2140, 29.4745, 66.4643

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.



167.7240, 15.9121, 76.5411



153.7860, -29.4745, -66.4643



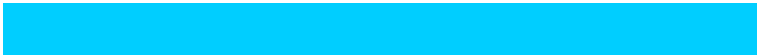
173.1120, 40.3708, -22.0232

Square

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



153.7860, -29.4745, -66.4643



149.9920, 51.7689, -131.5430



183.9070, 35.0488, 51.8246



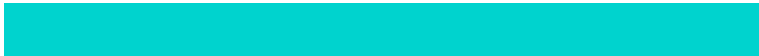
169.3230, -46.5012, 75.1387

Rectangle

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



153.7860, -29.4745, -66.4643



147.3410, 28.9189, -129.2181



183.9070, 35.0488, 51.8246



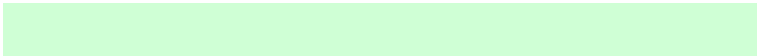
162.0070, -3.4545, 81.5549

Sweetspot

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



153.7860, -29.4745, -66.4643



235.8600, -11.2700, -25.3102



185.1510, -52.8254, 3.3756



116.0660, -6.9345, -15.8439



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.



153.7860, -29.4745, -66.4643



179.6790, -44.2117, -99.6965



160.8540, -2.3930, -72.6630



97.9840, -2.4571, -5.2480



99.8360, -38.8661, -87.5562



22.8760, -8.8129, -20.0623

Inverse Universe

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



128.2140, 29.4745, 66.4643



141.3210, 44.2117, 99.6965



121.1460, 2.3930, 72.6630



96.0160, 2.4571, 5.2480



66.1640, 38.8661, 87.5562



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 153.7860, -29.4745, -66.4643 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 153.7860, -29.4745, -66.4643 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 153.7860, -29.4745, -66.4643 Background



This preview shows how black text looks on a background with the YUV color 153.7860, -29.4745, -66.4643.



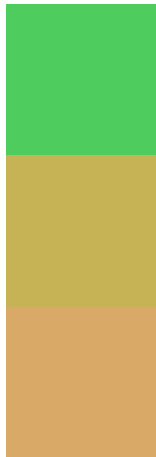
This preview shows how white text looks on a background with the YUV color 153.7860, -29.4745, -66.4643.

-66.4643.

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

153.7860, -29.4745, -66.4643

Protanopia

174.0790, -43.4229, 20.9787

Deuteranopia

176.4150, -36.1936, 35.5930



Tritanopia

168.5940, 18.9342, -53.1409

Trichromacy



Original Color

153.7860, -29.4745, -66.4643



Protanomaly

166.5480, -38.2312, -11.0046



Deuteranomaly

167.8680, -33.4589, -1.6382



Tritanomaly

162.9790, 1.4894, -57.8636

Monochromacy



Original Color

153.7860, -29.4745, -66.4643



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.6860, -10.6912, -24.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7860, -29.4745, -66.4643 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(78, 204, 94)` looks like.

```
.text, #text, p{  
    color:rgb(78, 204, 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(78, 204, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 204, 94) }
```

Border

The CSS property to change the border of an element to YUV 153.7860, -29.4745, -66.4643 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(78, 204, 94) }
```


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

```
.border{ border-color:rgb(78, 204, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 204, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 204, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 204, 94);  
box-shadow:4px 4px 4px 4px rgb(78, 204,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 153.7860, -29.4745, -66.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 204, 94) }
```

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

```
.background{ background-color: rgb(78, 204,  
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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