

# Converting Colors

YUV(162.7700, -52.1446,  
-75.2203)

Have a look what the booklet for  
YUV(162.7700, -52.1446, -75.2203)  
contains.

<b>YUV(162.7700, -52.1446, -75.2203)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(162.7700, -52.1446,  
-75.2203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DE339
RGB	77, 227, 57
RGB Percent	30%, 89%, 22%
CMY	0.6980, 0.1098, 0.7765
CMYK	0.66, 0.00, 0.75, 0.11
HSL	113°, 75%, 56%
HSV	113°, 75%, 89%
XYZ	31.2682, 56.8114, 13.1886
YIQ	162.7700, -34.8300, -84.6700

# Conversions

## Conversions Part 2

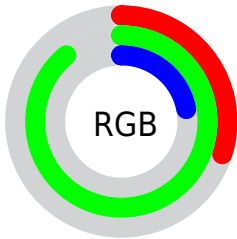
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 227, 207
Decimal	5104441
CIELab	80.07, -68.95, 66.69
CIELCh	80, 95.921, 135.954
Yxy	56.8114, 0.3088, 0.5610
Android (android.graphics.Color)	4283294521 (0xFF4DE339)
YUV	162.7700, -52.1446, -75.2203
Hunter-Lab	75.3733, -57.8536, 42.3869

# Details

The YUV color **162.7700, -52.1446, -75.2203** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **121.2300, 52.1446, 75.2203**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5520, -44.6421, -54.8581**, and **99.7900, -49.1965, -87.5158** is the 20% darker color. If you saturate the color by 10%, you get **154.1680, -59.2428, -85.2163**, and if you desaturate by 10%, it is **171.3720, -45.0464, -65.2242**.

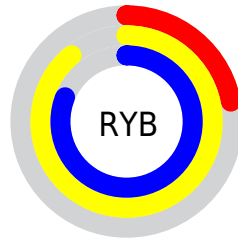
# Distribution



Red (30%)

Green (89%)

Blue (22%)



Red (22%)

Yellow (89%)

Blue (81%)

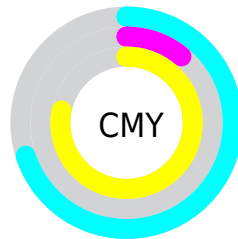


Cyan (66%)

Magenta (0%)

Yellow (75%)

Black (11%)



Cyan (70%)

Magenta (11%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 162.7700, -52.1446, -75.2203 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 162.7700, -52.1446, -75.2203 by changing the saturation by 10% instead.



■ 162.7700,  
-52.1446, -75.2203

■ 162.7700,  
-52.1446, -75.2203

■ 255.0000, 0.0000,  
0.0000

■ 127.7750,  
-53.1331, -84.8717

■ 205.5520,  
-44.6421, -54.8581

■ 99.7900, -49.1965,  
-87.5158

■ 218.3120,  
-37.1288, -37.9846

■ 83.9410, -41.3829,  
-73.6163

■ 230.8870,  
-29.0313, -21.8259

■ 68.0920, -33.5694,  
-59.7167

■ 243.0490,  
-21.2232, -6.1820

■ 52.8300, -26.0452,  
-46.3319

■ 252.1500,  
-10.9200, 2.4994

■ 38.1550, -18.8104,  
-33.4619

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,  
-0.5148

■ 0.0000, 0.0000,  
0.0000

■ 162.7700,  
-52.1446, -75.2203

■ 162.7700,  
-52.1446, -75.2203

■ 154.1680,  
-59.2428, -85.2163

■ 171.3720,  
-45.0464, -65.2242


■ 145.6800,  
-65.9042, -95.3124


■ 179.8600,  
-38.3850, -55.1282

■ 141.3220,  
-69.6717, -100.2604


■ 188.4620,  
-31.2868, -45.1322

■ 197.0640,  
-24.1886, -35.1361

 205.6660,  
-17.0903, -25.1401

 214.1540,  
-10.4289, -15.0441

 222.7560, -3.3307,  
-5.0480

 231.3580, 3.7675,  
4.9480

 238.5640, 8.1029,  
14.4144

# Harmonies

## Analogous

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



180.3900, -88.9323, 11.0590



162.7700, -52.1446, -75.2203



155.8600, -1.9030, -136.6892

# Triad

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



162.7700, -52.1446, -75.2203



158.7970, 47.4281, -139.2650



152.0280, 1.4652, 90.3064

# Complementary

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



162.7700, -52.1446, -75.2203



121.2300, 52.1446, 75.2203

# 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.



166.3970, 38.7513, 77.7048



162.7700, -52.1446, -75.2203



164.4870, 44.6229, -79.3571

# Square

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



162.7700, -52.1446, -75.2203



167.0150, 43.3766, -146.4722



193.3650, 30.3861, 54.0539



164.6440, -46.6595, 79.2422



# Rectangle

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



162.7700, -52.1446, -75.2203



164.2160, 25.0365, -144.0174



193.3650, 30.3861, 54.0539



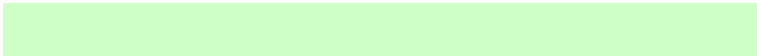
152.5130, 16.0161, 89.8811

# Sweetspot

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



162.7700, -52.1446, -75.2203



233.9650, -17.2377, -24.5253



194.1190, -67.5997, 28.8366



115.1540, -10.4289, -15.0441



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.



162.7700, -52.1446, -75.2203



168.3820, -70.6873, -101.1900



163.8580, -22.1150, -93.7145



110.6420, -3.7675, -4.9480



111.3520, -54.8965, -79.2387



31.7310, -15.6434, -22.5661



# Inverse Universe

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



121.2300, 52.1446, 75.2203



111.9170, 70.5399, 101.8048



120.1420, 22.1150, 93.7145



107.3580, 3.7675, 4.9480



67.6480, 54.8965, 79.2387

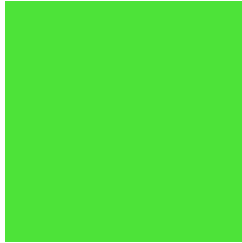


19.2690, 15.6434, 22.5661



# Previews

## White Background



This preview shows how the YUV color 162.7700, -52.1446, -75.2203 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 162.7700, -52.1446, -75.2203 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 162.7700, -52.1446, -75.2203 Background



This preview shows how black text looks on a background with the YUV color 162.7700, -52.1446, -75.2203.



This preview shows how white text looks on a background with the YUV color 162.7700, -52.1446, -75.2203.

-75.2203.

# 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

162.7700, -52.1446, -75.2203

### Protanopia

187.3040, -68.1839, 29.5514

### Deuteranopia

191.3460, -58.3446, 47.0546



## Tritanopia

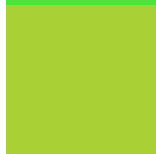
185.8320, 21.2818, -59.4887

# Trichromacy



## Original Color

162.7700, -52.1446, -75.2203



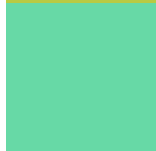
## Protanomaly

178.5550, -62.3916, -8.3797



## Deuteranomaly

181.2280, -56.3144, 2.4310



## Tritanomaly

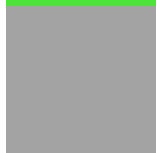
177.1000, -5.4723, -64.9857

# Monochromacy



## Original Color

162.7700, -52.1446, -75.2203



## Achromatopsia

163.0000, 0.0000, 0.0000



## Achromatomaly

162.7860, -19.1215, -26.9993

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 162.7700, -52.1446, -75.2203 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, 227, 57)` looks like.

```
.text, #text, p{  
    color:rgb(77, 227, 57)  
}
```

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, 227, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 227, 57) }
```

## Border

The CSS property to change the border of an element to YUV 162.7700, -52.1446, -75.2203 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, 227, 57) }
```



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

```
.border{ border-color:rgb(77, 227, 57) }
```

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

Here you see how a box with a 4 pixel rgb(77, 227, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 227, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 227, 57);  
box-shadow:4px 4px 4px 4px rgb(77, 227,  
57) }
```

# Background

The CSS property to change the background color of an element to YUV 162.7700, -52.1446, -75.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 227, 57) }
```

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

```
.background{ background-color: rgb(77, 227,  
57) }
```

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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