

Converting Colors

YUV(164.2440, -37.5883,
-77.3900)

Have a look what the booklet for
YUV(164.2440, -37.5883, -77.3900)
contains.

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Color

**YUV(164.2440, -37.5883,
-77.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE058
RGB	76, 224, 88
RGB Percent	30%, 88%, 35%
CMY	0.7020, 0.1216, 0.6549
CMYK	0.66, 0.00, 0.61, 0.12
HSL	125°, 70%, 59%
HSV	125°, 66%, 88%
XYZ	31.3976, 55.5524, 18.3004
YIQ	164.2440, -44.5520, -73.6720

Conversions

Conversions Part 2

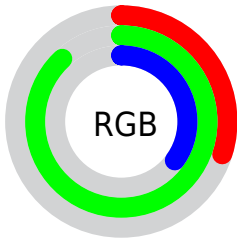
Format	Color
RYB	76, 213, 224
Decimal	5038168
CIELab	79.36, -65.39, 54.04
CIElCh	79, 84.828, 140.429
Yxy	55.5524, 0.2983, 0.5278
Android (android.graphics.Color)	4283228248 (0xFF4CE058)
YUV	164.2440, -37.5883, -77.3900
Hunter-Lab	74.5335, -55.2396, 37.6158

Details

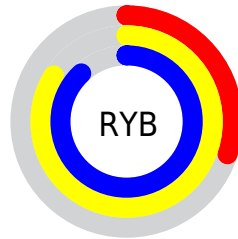
The YUV color **164.2440, -37.5883, -77.3900** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **135.7560, 37.5883, 77.3900**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0320, -32.5538, -58.7871**, and **101.6770, -34.3508, -89.1707** is the 20% darker color. If you saturate the color by 10%, you get **155.2720, -43.5181, -88.8155**, and if you desaturate by 10%, it is **173.2160, -31.6585, -65.9644**.

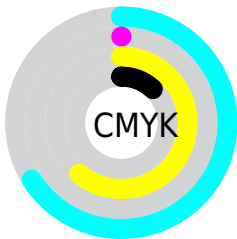
Distribution



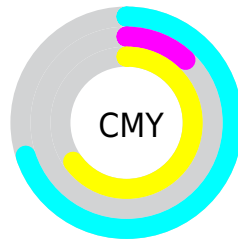
- Red (30%)
- Green (88%)
- Blue (35%)



- Red (30%)
- Yellow (84%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)
- Black (12%)



- Cyan (70%)
- Magenta (12%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2440, -37.5883, -77.3900 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 164.2440, -37.5883, -77.3900 by changing the saturation by 10% instead.

■ 164.2440,
-37.5883, -77.3900

■ 164.2440,
-37.5883, -77.3900

255.0000, 0.0000,
0.0000

■ 131.2860,
-34.6510, -86.1968

■ 208.0320,
-32.5538, -58.7871

■ 101.6770,
-34.3508, -89.1707

■ 220.4930,
-24.8930, -42.5284

■ 82.1800, -40.5147,
-72.0719

■ 232.6550,
-17.0849, -26.8844

■ 66.3310, -32.7012,
-58.1723

■ 245.2300, -8.9874,
-10.7257

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,
-31.9175

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 164.2440,
-37.5883, -77.3900

■ 164.2440,
-37.5883, -77.3900

■ 155.2720,
-43.5181, -88.8155

■ 173.2160,
-31.6585, -65.9644

■ 146.1150,
-48.8637, -100.9559

■ 182.3730,
-26.3129, -53.8241

■ 137.1430,
-54.7935, -112.3814

■ 191.3450,
-20.3831, -42.3986

■ 133.5400,
-56.9612, -117.1146

■ 200.5020,
-15.0375, -30.2583

■ 209.4740, -9.1077,
-18.8327

■ 218.4460, -3.1779,
-7.4071

■ 227.6030, 2.1677,
4.7332

■ 236.5750, 8.0975,
16.1587

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



177.4000, -87.4582, 4.9112



164.2440, -37.5883, -77.3900



154.7490, 6.5327, -135.7149

Triad

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



164.2440, -37.5883, -77.3900



154.1010, 49.7432, -135.1466



163.3290, -8.5432, 80.3955

Complementary

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



164.2440, -37.5883, -77.3900



135.7560, 37.5883, 77.3900

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.



171.1610, 26.5426, 73.5268



164.2440, -37.5883, -77.3900



180.7100, 36.6250, -33.9487

Square

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



164.2440, -37.5883, -77.3900



162.9060, 45.4023, -142.8686



193.3650, 30.3861, 54.0539



172.7310, -48.6744, 72.1499

Rectangle

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



164.2440, -37.5883, -77.3900



162.1930, 29.9779, -142.2433



193.3650, 30.3861, 54.0539



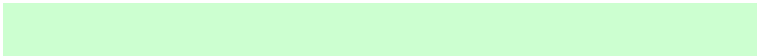
163.3580, 4.2605, 80.3700

Sweetspot

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



164.2440, -37.5883, -77.3900



234.3930, -13.0117, -26.6547



204.1380, -63.1720, 8.6490



115.4250, -8.0975, -16.1587



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.



164.2440, -37.5883, -77.3900



173.8110, -51.1788, -105.0742



172.4520, -6.1388, -84.5884



107.5710, -2.7465, -5.7628



104.9080, -44.8176, -92.0043



28.6320, -12.1436, -25.1103

Inverse Universe

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



135.7560, 37.5883, 77.3900



135.1890, 51.1788, 105.0742



127.5480, 6.1388, 84.5884



105.4290, 2.7465, 5.7628



71.0920, 44.8176, 92.0043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 164.2440, -37.5883, -77.3900 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 164.2440, -37.5883, -77.3900 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 164.2440, -37.5883, -77.3900 Background



This preview shows how black text looks on a background with the YUV color 164.2440, -37.5883, -77.3900.



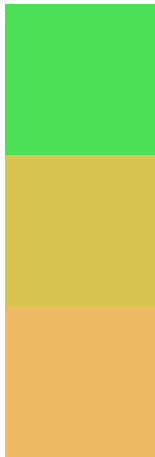
This preview shows how white text looks on a background with the YUV color 164.2440, -37.5883, -77.3900.

-77.3900.

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

164.2440, -37.5883, -77.3900

Protanopia

188.3540, -53.9115, 25.1225

Deuteranopia

191.9290, -45.8140, 41.2813



Tritanopia

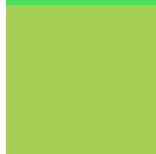
183.2340, 21.5766, -60.7182

Trichromacy



Original Color

164.2440, -37.5883, -77.3900



Protanomaly

179.9040, -48.2667, -12.1938



Deuteranomaly

182.0500, -42.9157, -1.7979



Tritanomaly

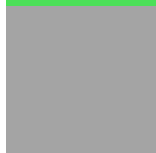
176.1690, -0.0833, -66.8002

Monochromacy



Original Color

164.2440, -37.5883, -77.3900



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1540, -13.8799, -28.1991

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2440, -37.5883, -77.3900 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(76, 224, 88)` looks like.

```
.text, #text, p{  
    color:rgb(76, 224, 88)  
}
```

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(76, 224, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 224, 88) }
```

Border

The CSS property to change the border of an element to YUV 164.2440, -37.5883, -77.3900 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(76, 224, 88) }
```


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

```
.border{ border-color:rgb(76, 224, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 224, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 224, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 224, 88);  
box-shadow:4px 4px 4px 4px rgb(76, 224,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 164.2440, -37.5883, -77.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 224, 88) }
```

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

```
.background{ background-color: rgb(76, 224,  
88) }
```

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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