

Converting Colors

YUV(165.3010, -37.1234,
-39.7290)

Have a look what the booklet for
YUV(165.3010, -37.1234, -39.7290)
contains.

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Color

**YUV(165.3010, -37.1234,
-39.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	78CB5A
RGB	120, 203, 90
RGB Percent	47%, 80%, 35%
CMY	0.5294, 0.2039, 0.6471
CMYK	0.41, 0.00, 0.56, 0.20
HSL	104°, 52%, 57%
HSV	104°, 56%, 80%
XYZ	30.9471, 47.4431, 17.1992
YIQ	165.3010, -13.1950, -52.7390

Conversions

Conversions Part 2

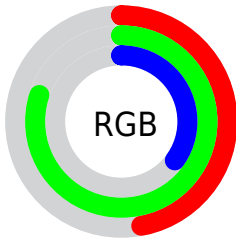
Format	Color
RYB	90, 203, 173
Decimal	7916378
CIELab	74.47, -45.99, 47.87
CIELCh	74, 66.384, 133.850
Yxy	47.4431, 0.3238, 0.4963
Android (android.graphics.Color)	4286106458 (0xFF78CB5A)
YUV	165.3010, -37.1234, -39.7290
Hunter-Lab	68.8790, -40.3387, 33.4104

Details

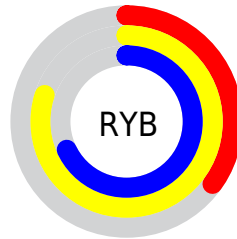
The YUV color **165.3010, -37.1234, -39.7290** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **127.6990, 37.1234, 39.7290**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9100, -37.4236, -36.7551**, and **110.0450, -35.5182, -41.2585** is the 20% darker color. If you saturate the color by 10%, you get **158.5360, -43.6482, -46.9511**, and if you desaturate by 10%, it is **172.0660, -30.5985, -32.5069**.

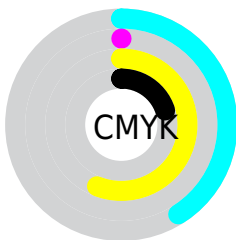
Distribution



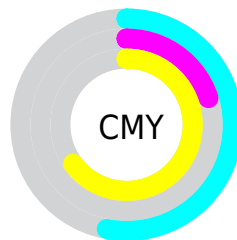
- Red (47%)
- Green (80%)
- Blue (35%)



- Red (35%)
- Yellow (80%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (56%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3010, -37.1234, -39.7290 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 165.3010, -37.1234, -39.7290 by changing the saturation by 10% instead.

■ 165.3010,
-37.1234, -39.7290

■ 165.3010,
-37.1234, -39.7290

■ 255.0000, 0.0000,
0.0000

■ 137.5290,
-36.2498, -39.9289

■ 218.9100,
-37.4236, -36.7551

■ 110.0450,
-35.5182, -41.2585

■ 230.3600,
-29.7575, -22.2407

■ 81.3390, -38.1281,
-44.1473

■ 242.5220,
-21.9493, -6.5968

■ 56.3520, -27.7815,
-49.4207

■ 251.8080,
-12.2303, 2.7994

■ 42.2640, -20.8362,
-37.0655

■ 28.1760, -13.8908,
-24.7104

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 165.3010,
-37.1234, -39.7290

■ 165.3010,
-37.1234, -39.7290

■ 158.5360,
-43.6482, -46.9511

■ 172.0660,
-30.5985, -32.5069

■ 151.6570,
-50.6099, -54.0732

■ 178.9450,
-23.6369, -25.3848

■ 144.8920,
-57.1348, -61.2953

■ 185.7100,
-17.1120, -18.1627

■ 138.1270,
-63.6596, -68.5174

■ 192.4750,
-10.5872, -10.9406

■ 135.3070,
-66.7064, -71.3062

■ 199.3540, -3.6255,
-3.8185

■ 205.8200, 3.0467,
2.7889

■ 212.5850, 9.5716,
10.0110

■ 219.3500, 16.0965,
17.2331

■ 224.1770, 15.1957,
26.1548

Harmonies

Analogous

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



173.4960, -59.4045, 13.5970



165.3010, -37.1234, -39.7290



140.6150, 3.1478, -123.3194

Triad

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



165.3010, -37.1234, -39.7290



145.8830, 53.7947, -127.9394



169.2790, -6.0535, 75.1773

Complementary

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



165.3010, -37.1234, -39.7290



127.6990, 37.1234, 39.7290

Split Complementary

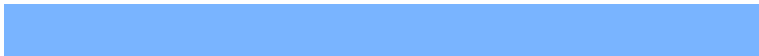
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178.6950, 19.8704, 66.9195



165.3010, -37.1234, -39.7290



170.9090, 41.4569, -43.7702

Square

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



165.3010, -37.1234, -39.7290



152.3400, 50.6114, -133.6022



186.7320, 33.6561, 31.8070



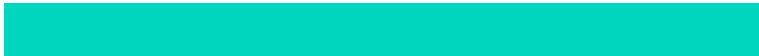
172.2870, -35.1445, 72.5393

Rectangle

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



165.3010, -37.1234, -39.7290



146.5770, 20.9145, -128.5480



186.7320, 33.6561, 31.8070



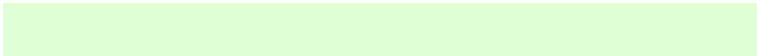
170.4990, 3.6980, 74.1074

Sweetspot

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



165.3010, -37.1234, -39.7290



240.5300, -14.0653, -15.3738



172.5080, -40.6764, 26.7415



119.3550, -8.5560, -9.0813



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.



165.3010, -37.1234, -39.7290



198.1310, -56.2666, -59.7509



159.2950, -21.3444, -60.7717



98.7670, -3.3361, -3.3037



110.5980, -54.5248, -58.4064



25.2960, -12.4709, -13.4146

Inverse Universe

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



127.6990, 37.1234, 39.7290



141.1680, 56.1192, 60.3657



133.7050, 21.3444, 60.7717



95.2330, 3.3361, 3.3037



55.4020, 54.5248, 58.4064



12.7040, 12.4709, 13.4146

Previews

White Background



This preview shows how the YUV color 165.3010, -37.1234, -39.7290 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 165.3010, -37.1234, -39.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

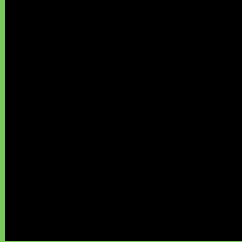
Any Text WCAG AA ✓ Pass

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 165.3010, -37.1234, -39.7290 Background



This preview shows how black text looks on a background with the YUV color 165.3010, -37.1234, -39.7290.



This preview shows how white text looks on a background with the YUV color 165.3010, -37.1234, -39.7290.

-39.7290.

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

165.3010, -37.1234, -39.7290

Protanopia

176.6940, -46.1911, 22.1934

Deuteranopia

179.9870, -40.4196, 37.7224



Tritanopia

177.4610, 14.0697, -32.8533

Trichromacy



Original Color

165.3010, -37.1234, -39.7290

Protanomaly

172.7620, -42.7737, -0.6683

Deuteranomaly

175.0390, -39.4592, 9.6128

Tritanomaly

172.9280, -4.4015, -35.0169

Monochromacy



Original Color

165.3010, -37.1234, -39.7290

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3560, -13.4865, -14.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3010, -37.1234, -39.7290 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(120, 203, 90)` looks like.

```
.text, #text, p{  
    color:rgb(120, 203, 90)  
}
```

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(120, 203, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 203, 90) }
```

Border

The CSS property to change the border of an element to YUV 165.3010, -37.1234, -39.7290 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(120, 203, 90) }
```


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

```
.border{ border-color:rgb(120, 203, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 203, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 203, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 203, 90);  
box-shadow:4px 4px 4px 4px rgb(120, 203,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 165.3010, -37.1234, -39.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 203, 90) }
```

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

```
.background{ background-color: rgb(120,  
203, 90) }
```

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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