

Converting Colors

YUV(39.5470, -13.0877, -2.2337)

Have a look what the booklet for
YUV(39.5470, -13.0877, -2.2337)
contains.

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Color

**YUV(39.5470, -13.0877,
-2.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	252E0D
RGB	37, 46, 13
RGB Percent	15%, 18%, 5%
CMY	0.8549, 0.8196, 0.9490
CMYK	0.20, 0.00, 0.72, 0.82
HSL	76°, 56%, 12%
HSV	76°, 72%, 18%
XYZ	1.8126, 2.3764, 0.7439
YIQ	39.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

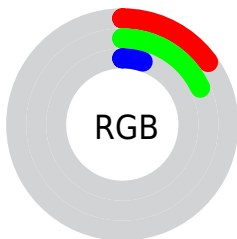
Format	Color
RYB	13, 46, 22
Decimal	2436621
CIELab	17.35, -10.17, 19.27
CIElCh	17, 21.790, 117.808
Yxy	2.3764, 0.3675, 0.4817
Android (android.graphics.Color)	4280626701 (0xFF252E0D)
YUV	39.5470, -13.0877, -2.2337
Hunter-Lab	15.4155, -5.9885, 7.9296

Details

The YUV color **39.5470, -13.0877, -2.2337** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.4530, 13.0877, 2.2337**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2050, -14.3981, -1.9338**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.6780, -15.1243, -2.3486**, and if you desaturate by 10%, it is **40.4160, -11.0511, -2.1188**.

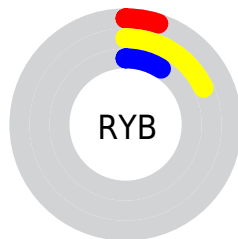
Distribution



Red (15%)

Green (18%)

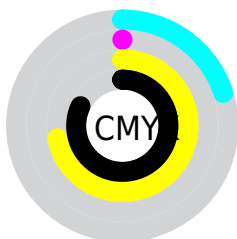
Blue (5%)



Red (5%)

Yellow (18%)

Blue (9%)

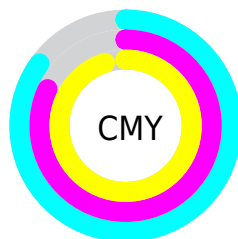


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5470, -13.0877, -2.2337 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 39.5470, -13.0877, -2.2337 by changing the saturation by 10% instead.

■ 39.5470, -13.0877,
-2.2337

■ 39.5470, -13.0877,
-2.2337

■ 253.0620, -7.4256,
1.6996

■ 19.4480, -9.5879,
-4.7779

■ 85.2050, -14.3981,
-1.9338

■ 0.0000, 0.0000,
0.0000

■ 109.0910,
-14.8349, -1.8338

■ 134.9770,
-15.2717, -1.7338

■ 160.8630,
-15.7085, -1.6339

■ 188.3360,
-16.4346, -2.0487

■ 215.6350,

-16.5821, -1.4339

■ 244.5210,
-17.0189, -1.3339

■ 39.5470, -13.0877,
-2.2337

■ 39.5470, -13.0877,
-2.2337

■ 38.6780, -15.1243,
-2.3486

■ 40.4160, -11.0511,
-2.1188

■ 37.6240, -16.5766,
-3.1782

■ 41.4700, -9.5987,
-1.2892

■ 36.8690, -18.1764,
-3.3931

■ 42.3390, -7.5621,
-1.1743

■ 43.0940, -5.9623,
-0.9594

■ 43.9630, -3.9258,
-0.8446

■ 45.1310, -2.0366,
-0.1149

■ 45.8860, -0.4368,
0.1000

■ 46.7550, 1.5998,
0.2149

■ 47.5100, 3.1996,
0.4297

Harmonies

Analogous

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



40.8260, -16.1832, 10.6766



39.5470, -13.0877, -2.2337



36.6960, -5.7661, -17.2734

Triad

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



39.5470, -13.0877, -2.2337



36.0420, 16.2483, -31.6088



42.9690, 0.5083, 23.7062

Complementary

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



39.5470, -13.0877, -2.2337



19.4530, 13.0877, 2.2337

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.



44.3360, 7.2294, 14.6143



39.5470, -13.0877, -2.2337



36.3460, 18.5634, -27.4904

Square

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



39.5470, -13.0877, -2.2337



35.8480, 10.4279, -31.4387



43.1320, 13.2459, -1.8698



42.1450, -6.4805, 25.3058

Rectangle

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



39.5470, -13.0877, -2.2337



33.4540, 1.2552, -29.3392



43.1320, 13.2459, -1.8698



43.6420, 3.1345, 21.3620

Sweetspot

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



39.5470, -13.0877, -2.2337



56.3220, -5.0887, -1.1594



28.1500, -7.4689, 15.6545



29.1910, -3.0522, -1.0445



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.5470, -13.0877, -2.2337



49.0000, -20.2130, -3.5080



34.7630, -10.7292, -12.0702



22.4730, -0.7262, -0.4148



69.9060, -34.4637, -6.0566



172.2620, -84.9252, -14.2618

Inverse Universe

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



19.4530, 13.0877, 2.2337



18.0000, 20.2130, 3.5080



24.2370, 10.7292, 12.0702



21.2280, 0.8736, -0.2000



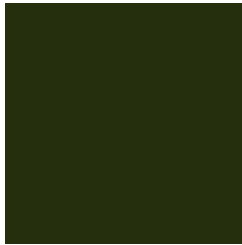
17.0940, 34.4637, 6.0566



41.7380, 84.9252, 14.2618

Previews

White Background



This preview shows how the YUV color 39.5470, -13.0877, -2.2337 looks on a white background.

Color Contrast Check

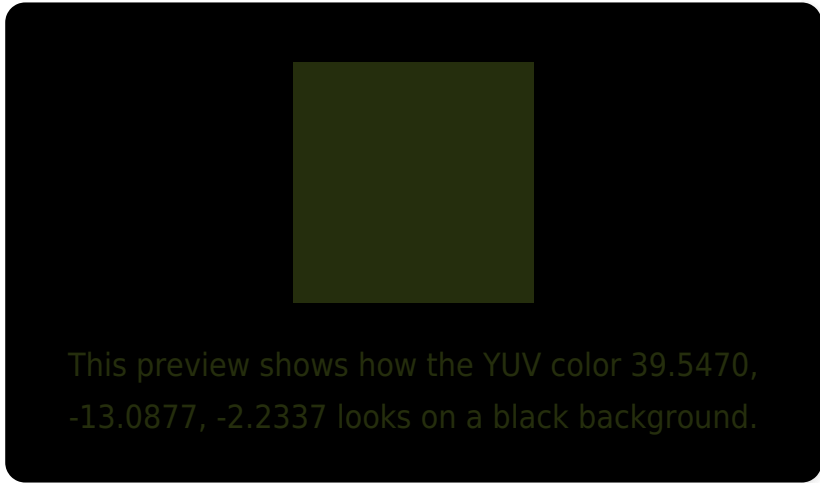
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 39.5470, -13.0877, -2.2337

Background



This preview shows how black text looks on a background with the YUV color 39.5470, -13.0877, -2.2337.



This preview shows how white text looks on a background with the YUV color 39.5470, -13.0877, -2.2337.

-2.2337.

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

39.5470, -13.0877, -2.2337

Protanopia

40.9610, -14.2778, 6.1732

Deuteranopia

41.6240, -13.1256, 9.9768



Tritanopia

42.7440, 1.6052, -1.5295

Trichromacy



Original Color

39.5470, -13.0877, -2.2337

Protanomaly

40.3520, -13.9775, 3.1993

Deuteranomaly

40.8900, -13.2568, 5.3585

Tritanomaly

41.6640, -3.7784, -1.4593

Monochromacy



Original Color

39.5470, -13.0877, -2.2337

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7350, -4.7994, -0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5470, -13.0877, -2.2337 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(37, 46, 13)` looks like.

```
.text, #text, p{  
    color:rgb(37, 46, 13)  
}
```

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(37, 46, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 46, 13) }
```

Border

The CSS property to change the border of an element to YUV 39.5470, -13.0877, -2.2337 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(37, 46, 13) }
```


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

```
.border{ border-color:rgb(37, 46, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 46, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 46, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 46, 13);  
box-shadow:4px 4px 4px 4px rgb(37, 46, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.5470, -13.0877, -2.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 46, 13) }
```

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

```
.background{ background-color: rgb(37, 46,  
13) }
```

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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