

Converting Colors

YUV(37.9230, -16.7240, -2.5635)

Have a look what the booklet for
YUV(37.9230, -16.7240, -2.5635)
contains.

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Color

**YUV(37.9230, -16.7240,
-2.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	232E04
RGB	35, 46, 4
RGB Percent	14%, 18%, 2%
CMY	0.8627, 0.8196, 0.9843
CMYK	0.24, 0.00, 0.91, 0.82
HSL	76°, 84%, 10%
HSV	76°, 91%, 18%
XYZ	1.6920, 2.3201, 0.4735
YIQ	37.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

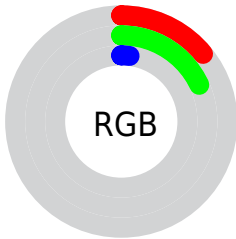
Format	Color
RYB	4, 46, 15
Decimal	2305540
CIELab	17.08, -12.05, 22.68
CIELCh	17, 25.686, 117.980
Yxy	2.3201, 0.3772, 0.5172
Android (android.graphics.Color)	4280495620 (0xFF232E04)
YUV	37.9230, -16.7240, -2.5635
Hunter-Lab	15.2318, -6.8268, 8.8191

Details

The YUV color **37.9230, -16.7240, -2.5635** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.0770, 16.7240, 2.5635**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9230, -16.7240, -2.5635**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1680, -18.3238, -2.7783**, and if you desaturate by 10%, it is **38.7920, -14.6875, -2.4486**.

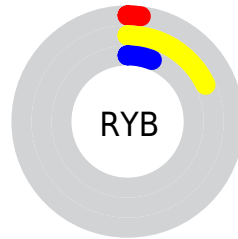
Distribution



Red (14%)

Green (18%)

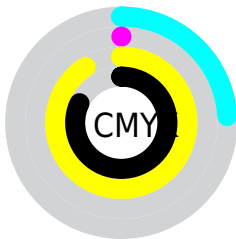
Blue (2%)



Red (2%)

Yellow (18%)

Blue (6%)

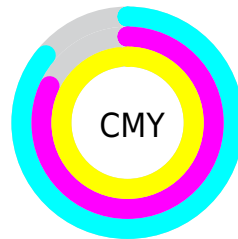


Cyan (24%)

Magenta (0%)

Yellow (91%)

Black (82%)



Cyan (86%)


Magenta (82%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.9230, -16.7240, -2.5635 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 37.9230, -16.7240, -2.5635 by changing the saturation by 10% instead.

 37.9230, -16.7240,
-2.5635

 37.9230, -16.7240,
-2.5635


 252.1500,
-10.9200, 2.4994

 17.6540, -8.7034,
-8.4666

 83.9230, -16.7240,
-2.5635

 0.0000, 0.0000,
0.0000

 107.8090,
-17.1608, -2.4635


 133.5810,
-18.0344, -2.2635


 159.4670,
-18.4712, -2.1636


 186.9400,
-19.1974, -2.5784


 214.8260,


-19.6342, -2.4784


 243.0110,
-20.2184, -1.7636


 37.9230, -16.7240,
-2.5635


 37.9230, -16.7240,
-2.5635


 37.1680, -18.3238,
-2.7783

 38.7920, -14.6875,
-2.4486

 39.5470, -13.0877,
-2.2337

 40.7150, -11.1985,
-1.5041

 41.4700, -9.5987,
-1.2892

 42.3390, -7.5621,
-1.1743

■ 43.2080, -5.5255,
-1.0594

■ 43.9630, -3.9258,
-0.8446

■ 45.1310, -2.0366,
-0.1149

■ 45.8860, -0.4368,
0.1000

Harmonies

Analogous

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



39.9140, -19.6776, 11.4764



37.9230, -16.7240, -2.5635



33.3640, -5.6025, -23.1212

Triad

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



37.9230, -16.7240, -2.5635



37.0850, 17.7061, -32.5235



41.8170, 1.0762, 28.2245

Complementary

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



37.9230, -16.7240, -2.5635



12.0770, 16.7240, 2.5635

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.



43.5150, 9.1131, 17.0883



37.9230, -16.7240, -2.5635



35.4210, 21.4844, -31.0642

Square

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



37.9230, -16.7240, -2.5635



36.6630, 11.0121, -32.1535



42.8160, 15.8667, -2.4696



41.2380, -7.5123, 29.6093

Rectangle

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



37.9230, -16.7240, -2.5635



33.2260, 0.3816, -29.1392



42.8160, 15.8667, -2.4696



42.4900, 3.7024, 25.8803

Sweetspot

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



37.9230, -16.7240, -2.5635



55.9800, -6.3991, -0.8595



23.0150, -9.3744, 20.1578



28.9630, -3.9258, -0.8446



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.



37.9230, -16.7240, -2.5635



47.4900, -23.4126, -3.9377



31.9430, -13.7759, -14.8590



22.4730, -0.7262, -0.4148



70.2050, -34.6111, -5.4418



172.8600, -85.2200, -13.0322

Inverse Universe

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



12.0770, 16.7240, 2.5635



11.2110, 23.5600, 3.3230



18.3560, 13.6285, 15.4738



21.2280, 0.8736, -0.2000



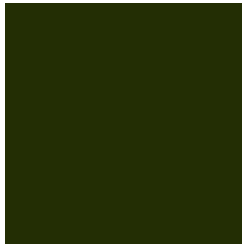
16.7950, 34.6111, 5.4418



41.1400, 85.2200, 13.0322

Previews

White Background



This preview shows how the YUV color 37.9230, -16.7240, -2.5635 looks on a white background.

Color Contrast Check

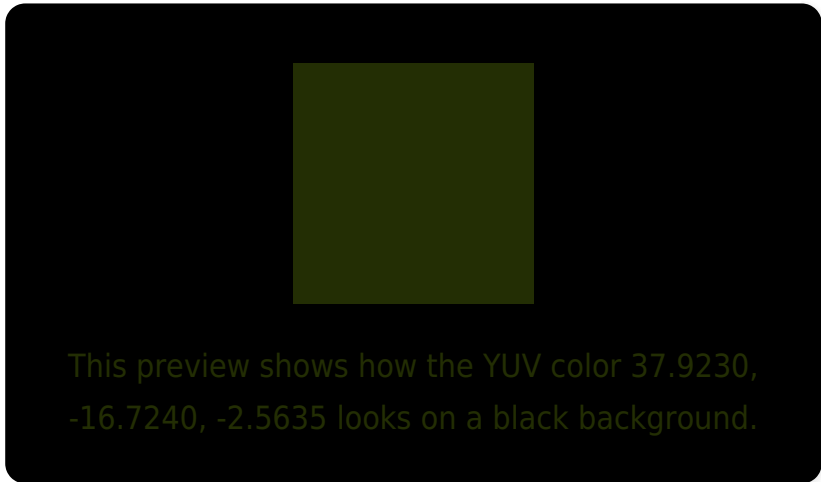
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9230, -16.7240, -2.5635

Background



This preview shows how black text looks on a background with the YUV color 37.9230, -16.7240, -2.5635.



This preview shows how white text looks on a background with the YUV color 37.9230, -16.7240,

-2.5635.

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

37.9230, -16.7240, -2.5635

Protanopia

39.2340, -18.3564, 7.6878

Deuteranopia

40.3530, -15.4570, 11.0914



Tritanopia

42.1460, 1.9000, -2.7590

Trichromacy



Original Color

37.9230, -16.7240, -2.5635

Protanomaly

38.4400, -17.4719, 3.9991

Deuteranomaly

39.2060, -15.8776, 5.9583

Tritanomaly

40.7240, -4.7939, -2.3889

Monochromacy



Original Color

37.9230, -16.7240, -2.5635

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9230, -16.7240, -2.5635 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(35, 46, 4)` looks like.

```
.text, #text, p{  
    color:rgb(35, 46, 4)  
}
```

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(35, 46, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 46, 4) }
```

Border

The CSS property to change the border of an element to YUV 37.9230, -16.7240, -2.5635 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(35, 46, 4) }
```


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

```
.border{ border-color:rgb(35, 46, 4) }
```

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

Here you see how a box with a 4 pixel rgb(35, 46, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 46, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 46, 4); box-shadow:4px  
4px 4px 4px rgb(35, 46, 4) }
```

Background

The CSS property to change the background color of an element to YUV 37.9230, -16.7240, -2.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 46, 4) }
```

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

```
.background{ background-color: rgb(35, 46,  
4) }
```

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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