

Converting Colors

YUV(42.0970, -20.7538,
-16.7481)

Have a look what the booklet for
YUV(42.0970, -20.7538, -16.7481)
contains.

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Color

**YUV(42.0970, -20.7538,
-16.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	173C00
RGB	23, 60, 0
RGB Percent	9%, 24%, 0%
CMY	0.9098, 0.7647, 1.0000
CMYK	0.62, 0.00, 1.00, 0.76
HSL	97°, 100%, 12%
HSV	97°, 100%, 24%
XYZ	1.9692, 3.4139, 0.5552
YIQ	42.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

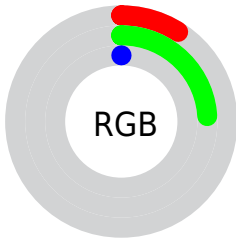
Format	Color
RYB	0, 60, 37
Decimal	1522688
CIELab	21.63, -24.87, 29.35
CIELCh	22, 38.475, 130.278
Yxy	3.4139, 0.3316, 0.5749
Android (android.graphics.Color)	4279712768 (0xFF173C00)
YUV	42.0970, -20.7538, -16.7481
Hunter-Lab	18.4767, -13.3100, 11.1522

Details

The YUV color **42.0970, -20.7538, -16.7481** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17.9030, 20.7538, 16.7481**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0970, -20.7538, -16.7481**, and **6.4570, -3.1833, -5.6628** is the 20% darker color. If you saturate the color by 10%, you get **42.0970, -20.7538, -16.7481**, and if you desaturate by 10%, it is **43.9770, -18.7227, -14.8888**.

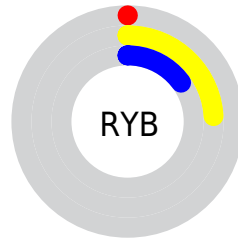
Distribution



Red (9%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (15%)

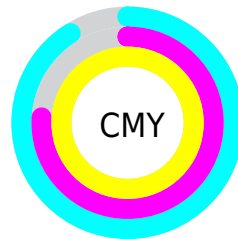


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (91%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 42.0970, -20.7538, -16.7481 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 42.0970, -20.7538, -16.7481 by changing the saturation by 10% instead.

 42.0970, -20.7538,
-16.7481


 42.0970, -20.7538,
-16.7481

 252.0360,
-11.3567, 2.5994


 22.3060, -10.9969,
-19.5624


 90.0970, -20.7538,
-16.7481


 6.4570, -3.1833,
-5.6628

 114.8690,
-21.6274, -16.5481

 0.0000, 0.0000,
0.0000


 141.2280,
-22.7904, -16.8630


 167.8150,
-23.0798, -17.3778


 195.2880,
-23.8060, -17.7926


 223.1740,


-24.2428, -17.6926


 241.9670,
-20.1967, -8.7411


 42.0970, -20.7538,
-16.7481

 43.9770, -18.7227,
-14.8888

 45.5580, -16.5441,
-13.6444

 47.4380, -14.5129,
-11.7851

 49.3180, -12.4818,
-9.9259

 50.8990, -10.3032,
-8.6814

■ 52.7790, -8.2720,
-6.8222

■ 54.6590, -6.2409,
-4.9629

■ 56.5390, -4.2097,
-3.1037

■ 58.1200, -2.0312,
-1.8592

Harmonies

Analogous

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



48.4420, -23.8819, 6.6284



42.0970, -20.7538, -16.7481



40.5150, -4.6909, -35.5317

Triad

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



42.0970, -20.7538, -16.7481



47.3040, 28.9371, -41.4856



45.9660, -1.4622, 49.1418

Complementary

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



42.0970, -20.7538, -16.7481



17.9030, 20.7538, 16.7481

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.



49.8040, 10.9426, 37.0059



42.0970, -20.7538, -16.7481



42.8360, 32.1259, -37.5672

Square

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



42.0970, -20.7538, -16.7481



47.6000, 19.9172, -41.7452



52.9730, 21.2123, 9.6707



47.5510, -15.5546, 42.4898

Rectangle

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



42.0970, -20.7538, -16.7481



43.3820, 3.7557, -38.0460



52.9730, 21.2123, 9.6707



46.5080, 3.2006, 46.9125

Sweetspot

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



42.0970, -20.7538, -16.7481



71.7790, -8.2720, -6.8222



39.6590, -19.5519, 17.8391



36.5990, -5.2253, -4.0333



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



42.0970, -20.7538, -16.7481



55.3430, -27.2841, -22.2258



36.0180, -14.3059, -31.5878



30.0600, -1.0156, -0.9296



65.9420, -32.5094, -26.2591



155.7290, -76.7744, -62.0293

Inverse Universe

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



17.9030, 20.7538, 16.7481



23.6570, 27.2841, 22.2258



23.9820, 14.3059, 31.5878



28.6410, 1.1630, 0.3148



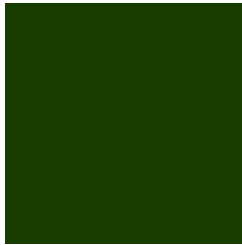
28.0580, 32.5094, 26.2591



66.2710, 76.7744, 62.0293

Previews

White Background



This preview shows how the YUV color 42.0970, -20.7538, -16.7481 looks on a white background.

Color Contrast Check

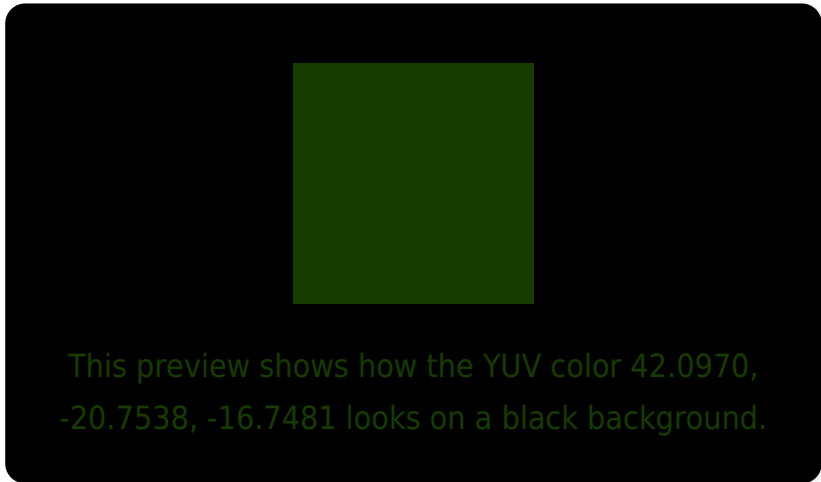
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0970, -20.7538, -16.7481 Background



This preview shows how black text looks on a background with the YUV color 42.0970, -20.7538, -16.7481.



This preview shows how white text looks on a background with the YUV color 42.0970, -20.7538,

-16.7481.

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

42.0970, -20.7538, -16.7481

Protanopia

48.1650, -23.7453, 9.5023

Deuteranopia

49.9790, -18.2306, 14.0504



Tritanopia

49.5790, 5.1376, -14.5398

Trichromacy



Original Color

42.0970, -20.7538, -16.7481

Protanomaly

46.0390, -22.6972, -0.0342

Deuteranomaly

46.9730, -19.2137, 2.6547

Tritanomaly

46.4620, -4.1718, -15.3142

Monochromacy



Original Color

42.0970, -20.7538, -16.7481

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3060, -7.5459, -6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0970, -20.7538, -16.7481 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(23, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 60, 0)  
}
```

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(23, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 60, 0) }
```

Border

The CSS property to change the border of an element to YUV 42.0970, -20.7538, -16.7481 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(23, 60, 0) }
```


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

```
.border{ border-color:rgb(23, 60, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 60, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 60, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 60, 0); box-shadow:4px  
4px 4px 4px rgb(23, 60, 0) }
```

Background

The CSS property to change the background color of an element to YUV 42.0970, -20.7538, -16.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 60, 0) }
```

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

```
.background{ background-color: rgb(23, 60,  
0) }
```

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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