

Converting Colors

YUV(41.2770, -20.3496, -6.3819)

Have a look what the booklet for
YUV(41.2770, -20.3496, -6.3819)
contains.

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Color

**YUV(41.2770, -20.3496,
-6.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	223500
RGB	34, 53, 0
RGB Percent	13%, 21%, 0%
CMY	0.8667, 0.7922, 1.0000
CMYK	0.36, 0.00, 1.00, 0.79
HSL	82°, 100%, 10%
HSV	82°, 100%, 21%
XYZ	1.9328, 2.8863, 0.4552
YIQ	41.2770, 5.6890, -20.5110

Conversions

Conversions Part 2

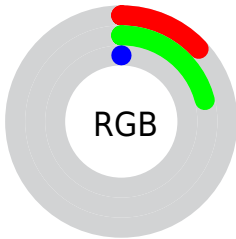
Format	Color
RYB	0, 53, 19
Decimal	2241792
CIELab	19.58, -16.90, 27.25
CIELCh	20, 32.066, 121.803
Yxy	2.8863, 0.3665, 0.5472
Android (android.graphics.Color)	4280431872 (0xFF223500)
YUV	41.2770, -20.3496, -6.3819
Hunter-Lab	16.9891, -9.4235, 10.3036

Details

The YUV color **41.2770, -20.3496, -6.3819** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.7230, 20.3496, 6.3819**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9780, -20.2022, -6.9967**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.2770, -20.3496, -6.3819**, and if you desaturate by 10%, it is **42.4450, -18.4604, -5.6523**.

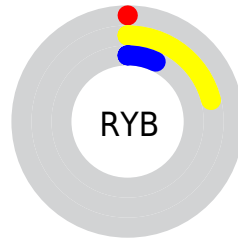
Distribution



Red (13%)

Green (21%)

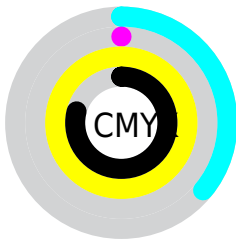
Blue (0%)



Red (0%)

Yellow (21%)

Blue (7%)

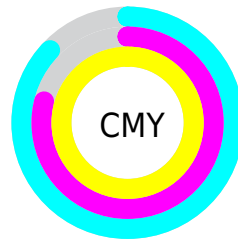


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (87%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2770, -20.3496, -6.3819 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 41.2770, -20.3496, -6.3819 by changing the saturation by 10% instead.

■ 41.2770, -20.3496,
-6.3819

■ 41.2770, -20.3496,
-6.3819

■ 251.9220,
-11.7935, 2.6994

■ 21.4750, -10.5872,
-10.9406

■ 87.9780, -20.2022,
-6.9967

■ 0.0000, 0.0000,
0.0000

■ 112.7500,
-21.0757, -6.7968


■ 138.6360,
-21.5125, -6.6968


■ 164.5220,
-21.9493, -6.5968


■ 192.2940,
-22.8229, -6.3968


■ 220.1800,


-23.2597, -6.2969


 244.5440,
-21.9602, -3.1081


 41.2770, -20.3496,
-6.3819

 42.4450, -18.4604,
-5.6523

 43.7270, -16.1344,
-5.0226

 44.8950, -14.2452,
-4.2929

 46.0630, -12.3561,
-3.5633

 47.3450, -10.0301,
-2.9336

■ 48.2140, -7.9935,
-2.8187

■ 49.3820, -6.1043,
-2.0890

■ 50.5500, -4.2151,
-1.3593

■ 51.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



44.9310, -22.1510, 11.4615



41.2770, -20.3496, -6.3819



36.1950, -6.0121, -31.7430

Triad

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



41.2770, -20.3496, -6.3819



42.4310, 22.9585, -37.2120



45.1710, 0.9017, 37.5610

Complementary

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



41.2770, -20.3496, -6.3819



11.7230, 20.3496, 6.3819

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.



47.7270, 10.9806, 24.7954



41.2770, -20.3496, -6.3819



40.0660, 26.5895, -35.1379

Square

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



41.2770, -20.3496, -6.3819



42.1400, 14.2280, -36.9568



48.3370, 19.0609, -0.2955



44.5980, -10.1548, 37.1866

Rectangle

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



41.2770, -20.3496, -6.3819



38.6060, 0.6872, -33.8575



48.3370, 19.0609, -0.2955



46.0720, 4.4015, 35.0169

Sweetspot

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



41.2770, -20.3496, -6.3819



64.2140, -7.9935, -2.8187



27.0000, -13.3110, 22.8020



33.0230, -4.9413, -1.7742



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.2770, -20.3496, -6.3819



53.6590, -26.4539, -8.4709



33.5030, -16.5170, -22.3661



25.3590, -1.1630, -0.3148



69.2860, -34.1580, -10.7748



168.9400, -83.2874, -26.2574

Inverse Universe

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



11.7230, 20.3496, 6.3819



15.3410, 26.4539, 8.4709



19.4970, 16.5170, 22.3661



23.6410, 1.1630, 0.3148



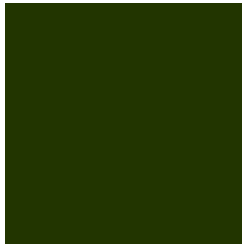
19.7140, 34.1580, 10.7748



48.0600, 83.2874, 26.2574

Previews

White Background



This preview shows how the YUV color 41.2770, -20.3496, -6.3819 looks on a white background.

Color Contrast Check

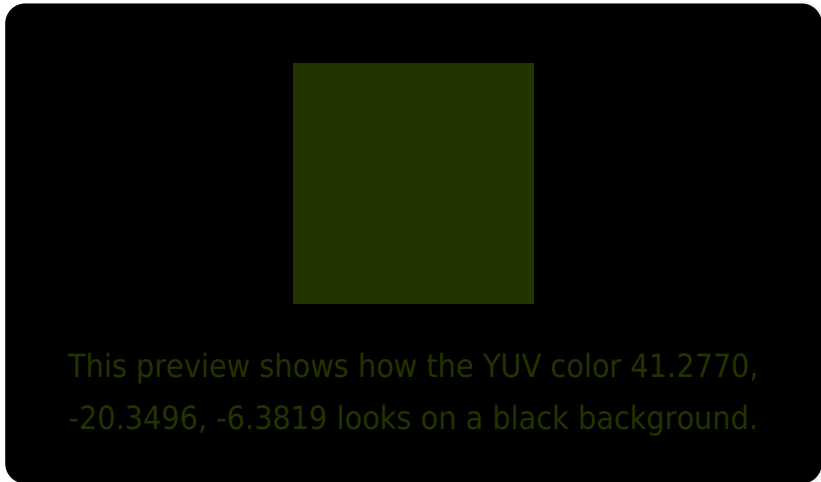
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2770, -20.3496, -6.3819

Background



This preview shows how black text looks on a background with the YUV color 41.2770, -20.3496, -6.3819.



This preview shows how white text looks on a background with the YUV color 41.2770, -20.3496,

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



Protanopia

44.3220, -21.8507, 8.4876

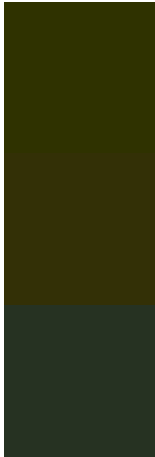
Deuteranopia

45.4950, -17.4990, 12.7209

Tritanopia

46.7650, 3.0739, -5.9329

Trichromacy



Protanomaly

43.4030, -21.3977, 3.1546

Deuteranomaly

44.1090, -18.7877, 6.0434

Tritanomaly

44.5880, -5.2199, -5.7777

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2770, -20.3496, -6.3819 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(34, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 53, 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(34, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 53, 0) }
```

Border

The CSS property to change the border of an element to YUV 41.2770, -20.3496, -6.3819 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(34, 53, 0) }
```

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

```
.border{ border-color:rgb(34, 53, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 53, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 53, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 53, 0); box-shadow:4px  
4px 4px 4px rgb(34, 53, 0) }
```


Background

The CSS property to change the background color of an element to YUV 41.2770, -20.3496, -6.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 53, 0) }
```

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

```
.background{ background-color: rgb(34, 53,  
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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