

Converting Colors

YUV(73.7870, -20.6010,
-19.1072)

Have a look what the booklet for
YUV(73.7870, -20.6010, -19.1072)
contains.

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Color

**YUV(73.7870, -20.6010,
-19.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	345D20
RGB	52, 93, 32
RGB Percent	20%, 36%, 13%
CMY	0.7961, 0.6353, 0.8745
CMYK	0.44, 0.00, 0.66, 0.64
HSL	100°, 49%, 25%
HSV	100°, 66%, 36%
XYZ	5.5912, 8.6631, 2.7439
YIQ	73.7870, -4.8550, -27.6630

Conversions

Conversions Part 2

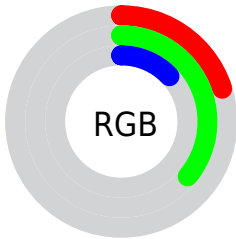
Format	Color
RYB	32, 93, 73
Decimal	3431712
CIELab	35.33, -26.78, 29.86
CIELCh	35, 40.109, 131.889
Yxy	8.6631, 0.3289, 0.5096
Android (android.graphics.Color)	4281621792 (0xFF345D20)
YUV	73.7870, -20.6010, -19.1072
Hunter-Lab	29.4331, -17.5992, 15.0757

Details

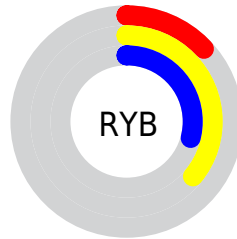
The YUV color **73.7870, -20.6010, -19.1072** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.2130, 20.6010, 19.1072**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0320, -22.2008, -19.3221**, and **27.8990, -13.7542, -21.8364** is the 20% darker color. If you saturate the color by 10%, you get **70.9670, -23.6477, -21.8961**, and if you desaturate by 10%, it is **76.6070, -17.5543, -16.3183**.

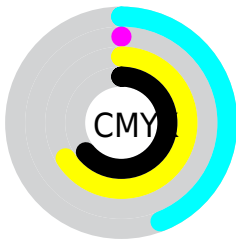
Distribution



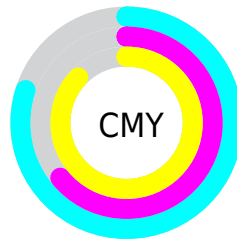
- Red (20%)
- Green (36%)
- Blue (13%)



- Red (13%)
- Yellow (36%)
- Blue (29%)



- Cyan (44%)
- Magenta (0%)
- Yellow (66%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7870, -20.6010, -19.1072 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 73.7870, -20.6010, -19.1072 by changing the saturation by 10% instead.

■ 73.7870, -20.6010,
-19.1072

■ 73.7870, -20.6010,
-19.1072

255.0000, 0.0000,
0.0000

■ 49.4880, -20.4536,
-19.7220

■ 124.0320,
-22.2008, -19.3221

■ 27.8990, -13.7542,
-21.8364

■ 149.9180,
-22.6376, -19.2221

■ 15.8490, -7.8136,
-13.8996

■ 177.2770,
-23.8006, -19.5369

■ 0.0000, 0.0000,
0.0000

■ 204.8640,
-24.0900, -20.0517

■ 233.3370,
-24.8161, -20.4665

■ 245.0860,

-17.2974, -5.3374

■ 253.1760, -6.9888,
1.5996

■ 73.7870, -20.6010,
-19.1072

■ 73.7870, -20.6010,
-19.1072

■ 70.9670, -23.6477,
-21.8961

■ 76.6070, -17.5543,
-16.3183

■ 67.7340, -26.9839,
-25.1997

■ 79.8400, -14.2181,
-13.0147

■ 64.9140, -30.0306,
-27.9886

■ 82.6600, -11.1714,
-10.2258

■ 63.5610, -31.3356,
-29.4330

■ 85.4800, -8.1246,
-7.4370

■ 88.3000, -5.0779,
-4.6481

■ 91.5330, -1.7418,
-1.3444

■ 94.3530, 1.3050,
1.4444

■ 97.1730, 4.3517,
4.2333

■ 100.1070, 7.8352,
6.9222

Harmonies

Analogous

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



78.1620, -32.6179, 8.6279



73.7870, -20.6010, -19.1072



64.0070, -0.9895, -56.1341

Triad

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



73.7870, -20.6010, -19.1072



70.4200, 36.2749, -61.7583



81.4780, -4.6727, 52.2008

Complementary

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



73.7870, -20.6010, -19.1072



51.2130, 20.6010, 19.1072

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.



83.8970, 9.9108, 41.3093



73.7870, -20.6010, -19.1072



77.3360, 33.8514, -30.9897

Square

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



73.7870, -20.6010, -19.1072



71.1890, 26.5288, -62.4328



85.6360, 22.3645, 13.4742



80.9600, -19.2073, 47.3931

Rectangle

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



73.7870, -20.6010, -19.1072



67.1020, 8.3307, -58.8485



85.6360, 22.3645, 13.4742



81.7320, 0.1321, 51.1010

Sweetspot

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



73.7870, -20.6010, -19.1072



112.4800, -8.1246, -7.4370



74.3060, -20.8569, 16.3946



56.4140, -4.6411, -4.7481



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



73.7870, -20.6010, -19.1072



90.0340, -32.0618, -29.8478



68.9470, -13.2849, -32.4025



44.5330, -1.7418, -1.3444



75.3340, -37.1397, -34.4959



162.4410, -80.0834, -74.0548

Inverse Universe

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



51.2130, 20.6010, 19.1072



54.9660, 32.0618, 29.8478



56.0530, 13.2849, 32.4025



42.4670, 1.7418, 1.3444



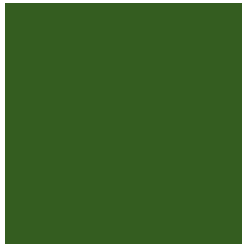
34.6660, 37.1397, 34.4959



74.5590, 80.0834, 74.0548

Previews

White Background



This preview shows how the YUV color 73.7870, -20.6010, -19.1072 looks on a white background.

Color Contrast Check

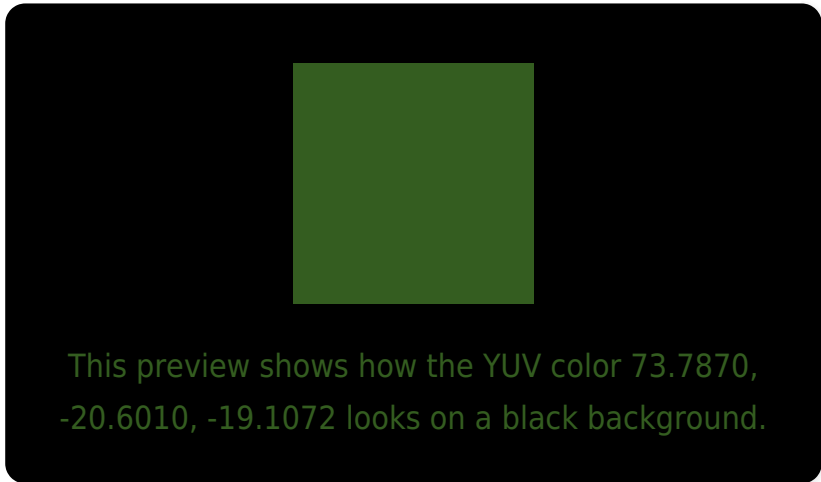
Large Text (above 18pt) WCAG AA ✓ Pass

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

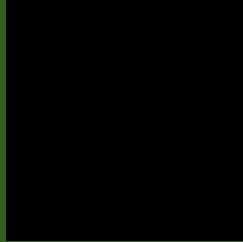
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7870, -20.6010, -19.1072

Background



This preview shows how black text looks on a background with the YUV color 73.7870, -20.6010, -19.1072.



This preview shows how white text looks on a background with the YUV color 73.7870, -20.6010,

-19.1072.

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

73.7870, -20.6010, -19.1072

Protanopia

79.8340, -25.0612, 11.5466

Deuteranopia

81.3880, -21.8833, 18.9537



Tritanopia

80.3230, 6.7428, -16.0693

Trichromacy



Original Color

73.7870, -20.6010, -19.1072

Protanomaly

77.8110, -23.5708, 0.1658

Deuteranomaly

78.4140, -21.4031, 4.8989

Tritanomaly

77.6790, -3.2927, -17.2585

Monochromacy



Original Color

73.7870, -20.6010, -19.1072

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7870, -20.6010, -19.1072 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(52, 93, 32)` looks like.

```
.text, #text, p{  
    color:rgb(52, 93, 32)  
}
```

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(52, 93, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 93, 32) }
```

Border

The CSS property to change the border of an element to YUV 73.7870, -20.6010, -19.1072 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(52, 93, 32) }
```


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

```
.border{ border-color:rgb(52, 93, 32) }
```

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

Here you see how a box with a 4 pixel rgb(52, 93, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 93, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 93, 32);  
box-shadow:4px 4px 4px 4px rgb(52, 93, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.7870, -20.6010, -19.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 93, 32) }
```

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

```
.background{ background-color: rgb(52, 93,  
32) }
```

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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