

Converting Colors

YUV(70.2190, -12.4330,
-25.6251)

Have a look what the booklet for
YUV(70.2190, -12.4330, -25.6251)
contains.

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Color

**YUV(70.2190, -12.4330,
-25.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	295A2D
RGB	41, 90, 45
RGB Percent	16%, 35%, 18%
CMY	0.8392, 0.6471, 0.8235
CMYK	0.54, 0.00, 0.50, 0.65
HSL	125°, 37%, 26%
HSV	125°, 54%, 35%
XYZ	5.0443, 7.9732, 3.7557
YIQ	70.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

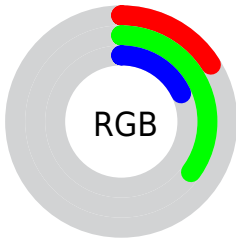
Format	Color
R _Y B	41, 86, 90
Decimal	2710061
CIE Lab	33.93, -27.30, 20.98
CIE LCh	34, 34.432, 142.466
Yxy	7.9732, 0.3007, 0.4754
Android (android.graphics.Color)	4280900141 (0xFF295A2D)
YUV	70.2190, -12.4330, -25.6251
Hunter-Lab	28.2369, -17.5271, 11.8797

Details

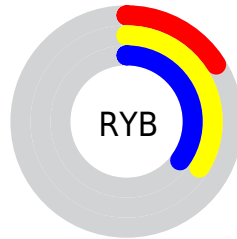
The YUV color **70.2190, -12.4330, -25.6251** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.7810, 12.4330, 25.6251**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4640, -14.0328, -25.8399**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **66.6160, -14.6007, -30.3582**, and if you desaturate by 10%, it is **73.8220, -10.2652, -20.8919**.

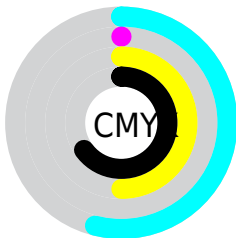
Distribution



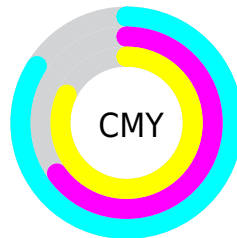
- Red (16%)
- Green (35%)
- Blue (18%)



- Red (16%)
- Yellow (34%)
- Blue (35%)



- Cyan (54%)
- Magenta (0%)
- Yellow (50%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2190, -12.4330, -25.6251 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 70.2190, -12.4330, -25.6251 by changing the saturation by 10% instead.

■ 70.2190, -12.4330,
-25.6251

■ 70.2190, -12.4330,
-25.6251

255.0000, 0.0000,
0.0000

■ 45.8490, -11.2646,
-27.0546

■ 120.4640,
-14.0328, -25.8399

■ 25.2410, -12.4438,
-22.1364

■ 145.9370,
-14.7589, -26.2547

■ 12.9140, -6.3666,
-11.3256

■ 173.4100,
-15.4851, -26.6696

■ 0.0000, 0.0000,
0.0000

■ 200.9970,
-15.7745, -27.1844

■ 228.5840,
-16.0639, -27.6992

■ 242.7950, -9.2659,

-14.7292

254.7720, -0.8736,
0.2000

■ 70.2190, -12.4330,
-25.6251

■ 70.2190, -12.4330,
-25.6251

■ 66.6160, -14.6007,
-30.3582

■ 73.8220, -10.2652,
-20.8919

■ 62.8990, -17.2052,
-34.9914

■ 77.5390, -7.6607,
-16.2587

■ 59.2960, -19.3729,
-39.7246

■ 81.1420, -5.4930,
-11.5255

■ 55.6930, -21.5406,
-44.4578

■ 84.7450, -3.3253,
-6.7924

■ 53.6280, -22.9876,
-47.0318

■ 88.3480, -1.1576,
-2.0592

■ 92.0650, 1.4470,
2.5740

■ 95.6680, 3.6147,
7.3072

■ 99.2710, 5.7824,
12.0403

■ 102.8740, 7.9501,
16.7735

Harmonies

Analogous

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



74.6970, -24.0076, 0.2657



70.2190, -12.4330, -25.6251



62.7990, 4.5361, -55.0747

Triad

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



70.2190, -12.4330, -25.6251



65.1710, 33.9327, -57.1550



79.1690, -9.4503, 44.5788

Complementary

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



70.2190, -12.4330, -25.6251



60.7810, 12.4330, 25.6251

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.



80.5780, 3.6590, 39.8351



70.2190, -12.4330, -25.6251



79.4760, 24.9083, -9.1875

Square

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



70.2190, -12.4330, -25.6251



67.4390, 27.3916, -59.1440



82.4430, 15.0646, 21.5365



78.2530, -20.3377, 36.6121

Rectangle

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



70.2190, -12.4330, -25.6251



64.9650, 12.8353, -56.9743



82.4430, 15.0646, 21.5365



79.0210, -4.9404, 44.7086

Sweetspot

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



70.2190, -12.4330, -25.6251



109.6800, -4.7722, -9.3664



83.5170, -20.9609, 3.0546



54.4570, -3.1833, -5.6628



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.2190, -12.4330, -25.6251



86.2960, -19.3729, -39.7246



72.9550, -1.9498, -28.0245



44.0490, -1.0102, -2.6740



65.5960, -27.9018, -57.5277



141.2850, -60.2865, -123.9069

Inverse Universe

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



60.7810, 12.4330, 25.6251



71.7040, 19.3729, 39.7246



58.0450, 1.9498, 28.0245



43.0650, 1.4470, 2.5740



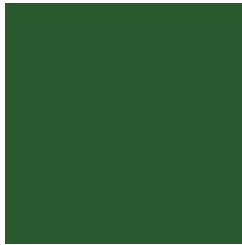
44.4040, 27.9018, 57.5277



95.7150, 60.2865, 123.9069

Previews

White Background



This preview shows how the YUV color 70.2190, -12.4330, -25.6251 looks on a white background.

Color Contrast Check

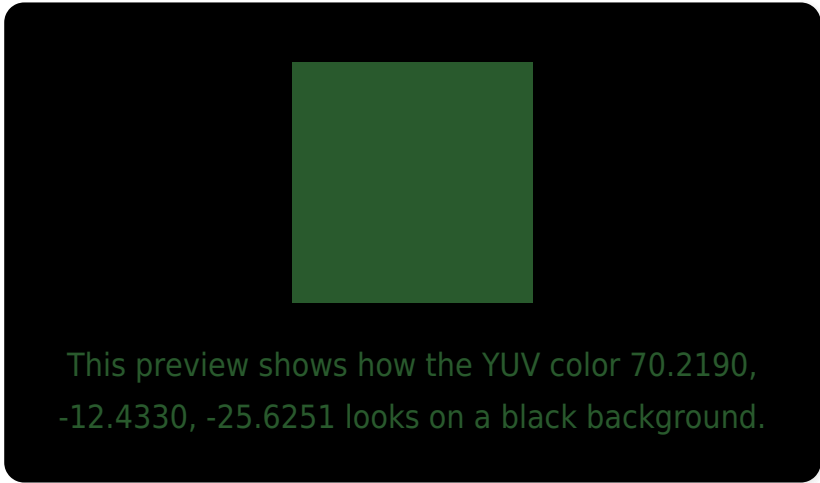
Large Text (above 18pt) WCAG AA ✓ Pass

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

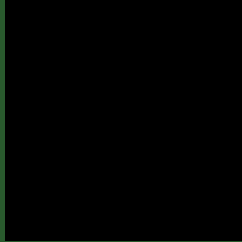
Any Text WCAG AA × Fail

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 70.2190, -12.4330, -25.6251 Background



This preview shows how black text looks on a background with the YUV color 70.2190, -12.4330, -25.6251.



This preview shows how white text looks on a background with the YUV color 70.2190, -12.4330,

-25.6251.

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

70.2190, -12.4330, -25.6251

Protanopia

77.9460, -18.2144, 8.8174

Deuteranopia

78.9020, -14.7417, 14.9949



Tritanopia

75.9310, 7.9220, -20.9875

Trichromacy



Original Color

70.2190, -12.4330, -25.6251

Protanomaly

75.3250, -16.4292, -3.7930

Deuteranomaly

75.7430, -13.6773, 0.2254

Tritanomaly

73.9710, 0.5073, -22.7766

Monochromacy



Original Color

70.2190, -12.4330, -25.6251

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7940, -4.3354, -9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2190, -12.4330, -25.6251 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(41, 90, 45)` looks like.

```
.text, #text, p{  
    color:rgb(41, 90, 45)  
}
```

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(41, 90, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 90, 45) }
```

Border

The CSS property to change the border of an element to YUV 70.2190, -12.4330, -25.6251 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(41, 90, 45) }
```


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

```
.border{ border-color:rgb(41, 90, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 90, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 90, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 90, 45);  
box-shadow:4px 4px 4px 4px rgb(41, 90, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2190, -12.4330, -25.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 90, 45) }
```

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

```
.background{ background-color: rgb(41, 90,  
45) }
```

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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